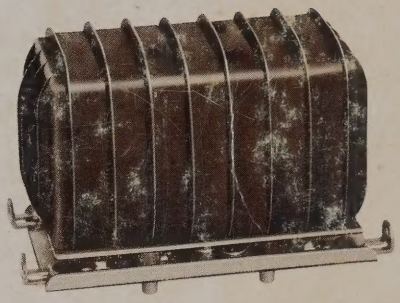
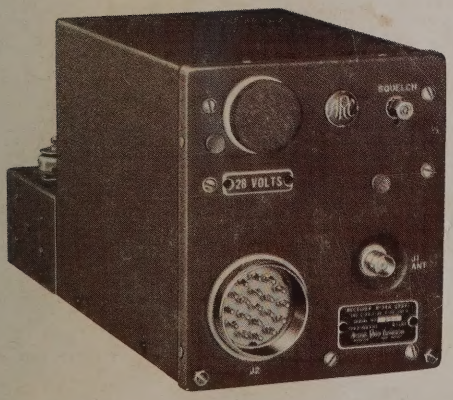
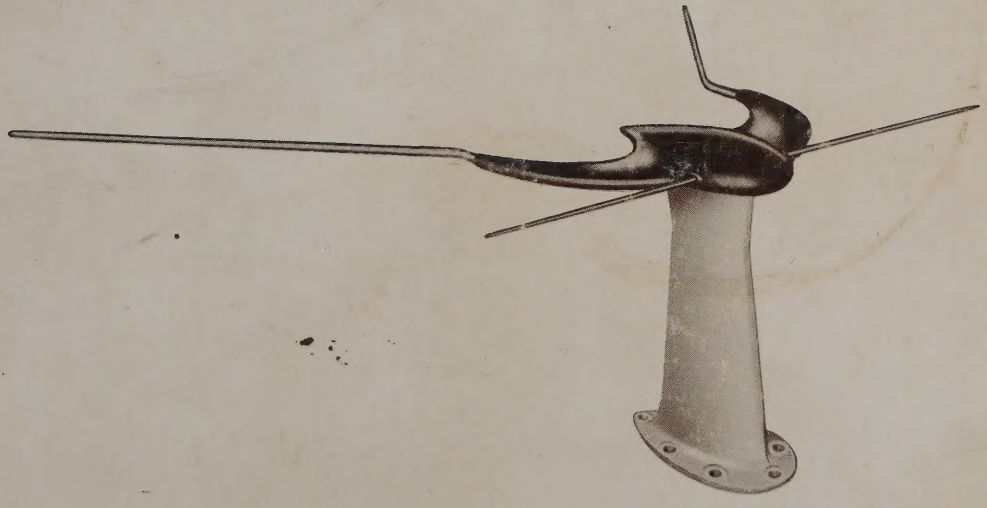


Parts Catalog

for

ARC TYPE 15F VHF NAVIGATION EQUIPMENT





Aircraft Radio Corporation • Boonton, New Jersey

Parts Catalog

for

ARC TYPE 15F

VHF NAVIGATION EQUIPMENT

AIRCRAFT RADIO CORPORATION
Boonton, New Jersey

ARCPC-15F-1
August 1960
7010107

GENERAL INFORMATION

INTRODUCTION.

This book contains parts information for the ARC Type 15F VHF Navigation Equipment, manufactured by Aircraft Radio Corporation, Boonton, New Jersey.

Each unit and the accessories of the Type 15F are covered in separate sections. Each section contains an illustrated group assembly parts list, a part number numerical index, and a reference designation index.

In addition to the individual unit information, this book contains a master part number numerical index.

PARTS LISTS.

Each parts list consists of a breakdown of the unit into assemblies, subassemblies, and detail parts. Items which are made from bulk stock, such as cut lengths of wire, are not included.

The description column lists each assembly, or subassembly, and its detail parts properly indented to show their relationship to the assembly or subassembly. Attaching parts are listed in the same indented column, immediately following the parts they attach. The symbol "- - - * - - -" indicates the completion of the attaching parts. A reference to a figure and index number in the description column refers to a separate illustration and listing in which the detail parts are shown, or to the illustration on which the part is shown as an assembled item. Parts which are limited in use to a specific model or serial number group are identified by noting the applicable model or serial numbers. Codes and part numbers of manufacturers, other than ARC, are also included in parentheses in the description column.

Except for attaching parts, the quantities listed in the units-per-assembly column are the quantities per assembly, per subassembly, etc. The quantities specified, therefore, are not necessarily the total for the unit; total quantities are listed in the unit's numerical index. The letters "AR" denote that the quantity used is "as required." "Ref" indicates an assembly which was removed previously and which is relisted for reference purposes.

NUMERICAL INDEXES.

The part number column of the unit numerical index lists the part numbers included in the unit parts list, cross-referenced to the figure and index numbers. The master numerical index lists the part numbers included in all parts lists, cross-referenced to the unit in which the part is used and to the applicable figure and index numbers. Where the part number refers to an assembly or subassembly which is not shown assembled on the illustration, no index number is assigned, and therefore only the figure number, on which the detail parts are shown, is listed in parentheses.

The numerical indexes are compiled in accordance with the following alphabetical-numerical system. Part number arrangement starts at the left and continues from left to right, one column at a time, until part number position in the numerical index is determined. Beginning with the first column, the order of precedence to determine the part number position is as follows:

1. Letters A through Z
2. Numerals 0 through 9

Continuing with the second and succeeding columns, the order of precedence to determine the part number position is as follows:

1. Space (blank column)
2. Diagonal (slant) /
3. Point (period) .
4. Dash (—)
5. Parentheses ( )
6. Letters A through Z
7. Numerals 0 through 9

Alphabetical O's are considered as numerical zeros. Parts which have neither an ARC nor a manufacturer's part number are listed by item name and identifying characteristics.

The total quantity column in the unit numerical index lists the total quantity of assemblies or parts for the unit. The letters "AR" indicate that the quantities used are indeterminate (as required) and no definite quantity can be shown. The master numerical index does not include a total quantity column.

REFERENCE DESIGNATION INDEXES.

The unit reference designation index lists the reference designations which have been assigned to the parts of the unit, cross-referenced to the figure and index numbers and the part number. Where no figure and index number exists for a part, the figure and index number of the next higher assembly is listed in parentheses, and the part number of the next higher assembly is listed also. The reference designation column lists the reference designation in alphabetical-

numerical sequence. All reference designations used in illustrations and publications pertaining to the unit are listed.

MANUFACTURERS' CODES.

The following is a list of manufacturers' codes, and the corresponding names and addresses, which are referenced in this parts catalog.

Code	Name and Address
AB	Allen-Bradley Co. Milwaukee, Wisconsin
AR	American Brass Co. Waterbury, Connecticut
CIN	Cinch Manufacturing Corp. Chicago, Illinois
CLD	Cornell-Dubilier Electric Corp. South Plainfield, New Jersey
CLIP	Clifton Precision Products Co. Clifton Heights, Pennsylvania
CMMU	Communication Equipment & Eng. Co. Chicago, Illinois
CMPB	Colin-Campbell Co., Inc. Danbury, Connecticut
CN	Centralab Division Globe-Union, Inc. Milwaukee, Wisconsin
DABU	Dale Products, Inc. Columbus, Nebraska
EMM	Electro Motive Mfg. Co. Willimantic, Connecticut
EN	Elastic Stop Nut Corp. of America Union, New Jersey
ERC	Erie Resistor Corp. Erie, Pennsylvania
FMCD	Microdot, Inc. South Pasadena, California
FML	Fansteel Metallurgical Corp. North Chicago, Illinois
GBR	Globar Division Carborundum Co. Niagara Falls, New York
GE	General Electric Co. Schenectady, New York
GMC	Grimes Manufacturing Co. Urbana, Ohio
HUG	Hughes Aircraft Co. Culver City, California
IPC	Industrial Products Co. Division Amphenol-Borg Electronics Corp. Danbury, Connecticut
JFDM	J. F. D. Manufacturing Co., Inc. Brooklyn, New York
JFE	Jeffers Electronics Corp. St. Mary's, Pennsylvania
ND	New Departure Division General Motors Corp. Bristol, Connecticut
OAK	Oak Manufacturing Co. Chicago, Illinois
PK	Parker-Kalon Division General American Transportation Corp. Clifton, New Jersey
SH	Shakeproof Division Illinois Tool Works Elgin, Illinois
SLM	Solar Manufacturing Corp. New York, New York
SPR	Sprague Electric Co. North Adams, Massachusetts
STL	Stackpole Carbon Co. St. Mary's, Pennsylvania
SUR	Surprenant Manufacturing Co. Boston, Massachusetts
TI	Semiconductor-Components Division Texas Instruments, Inc. Houston, Texas
TJL	Judson L. Thomson Mfg. Co. Waltham, Massachusetts
UC	United-Carr Fastener Corp. Boston, Massachusetts
UNT	United Transformer Co. New York, New York
WKI	Waldes Kohinoor, Inc. Long Island City, New York
WS	Weston Instruments Division Daystrom, Inc. Newark, New Jersey

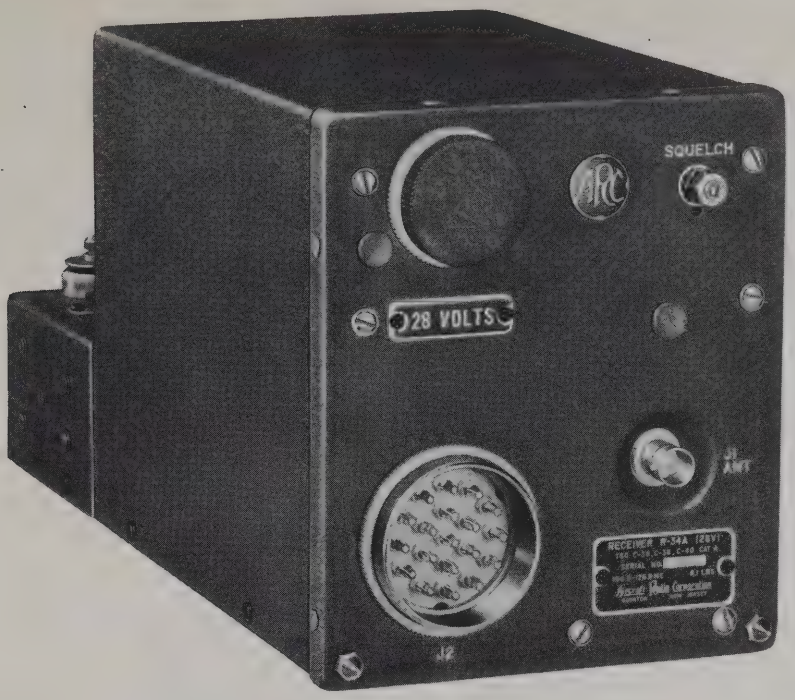


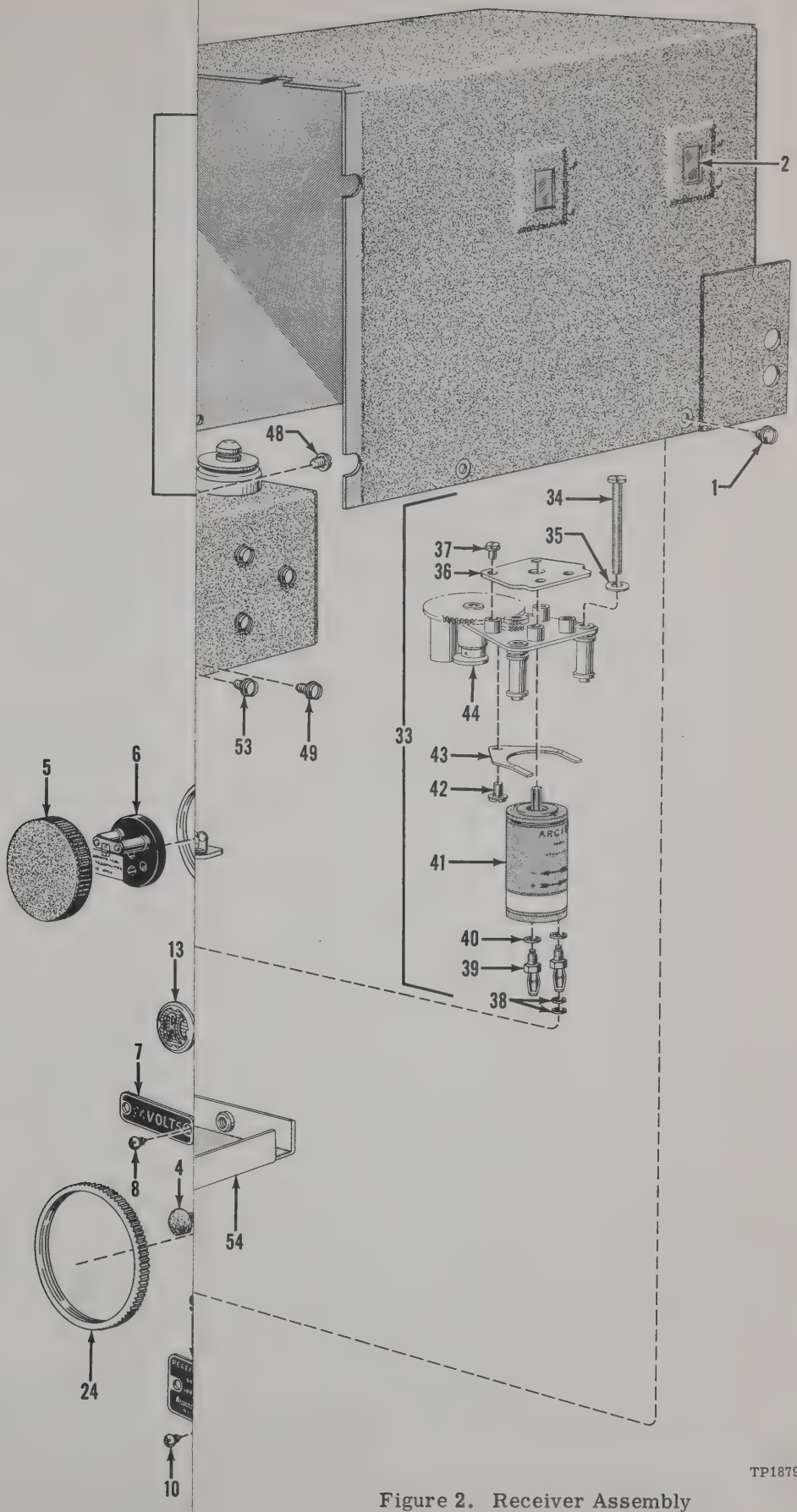
Figure 1. R-34A Receiver

TP1454

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	21440-0014	RECEIVER ASSEMBLY, ARC Type R-34A(14V).	1
2-	21440-0028	RECEIVER ASSEMBLY, ARC Type R-34A(28V).	1
	21779	. COVER ASSEMBLY . . . . . (ATTACHING PARTS)	1
-1	511-0010	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, blk oxidized, 3-48 thd by 5/32 in. lg (SH) (SEMS) - - - * - - -	4
-2	23231	. . WINDOW, Transparent, rigid Vinylite	2
-3	21781	. . COVER	1
-4	22096	. BUTTON, Plug (UC)(BS48179)	2
-5	14588	. COVER, Electrical connector	1
-6	11934	. PLUG ASSEMBLY, Wired	1
-7	12681	. PLATE, Identification, 14V	2
-7	12682	. PLATE, Identification, 28V . . . . . (ATTACHING PARTS)	2
-8	8081	. SCREW, Tapping, thread forming, rh, Phillips dr, stl, blk. . Parkerized, No. 2 by 5/32 in. lg (PK)(Z) - - - * - - -	4
-9	22741	. PLATE, Identification, 14V	1
-9	22307	. PLATE, Identification, 28V . . . . . (ATTACHING PARTS)	1
-10	8081	. SCREW, Tapping, thread forming, rh, Phillips dr, stl, blk. . Parkerized, No. 2 by 5/32 in. lg (PK)(Z) - - - * - - -	2

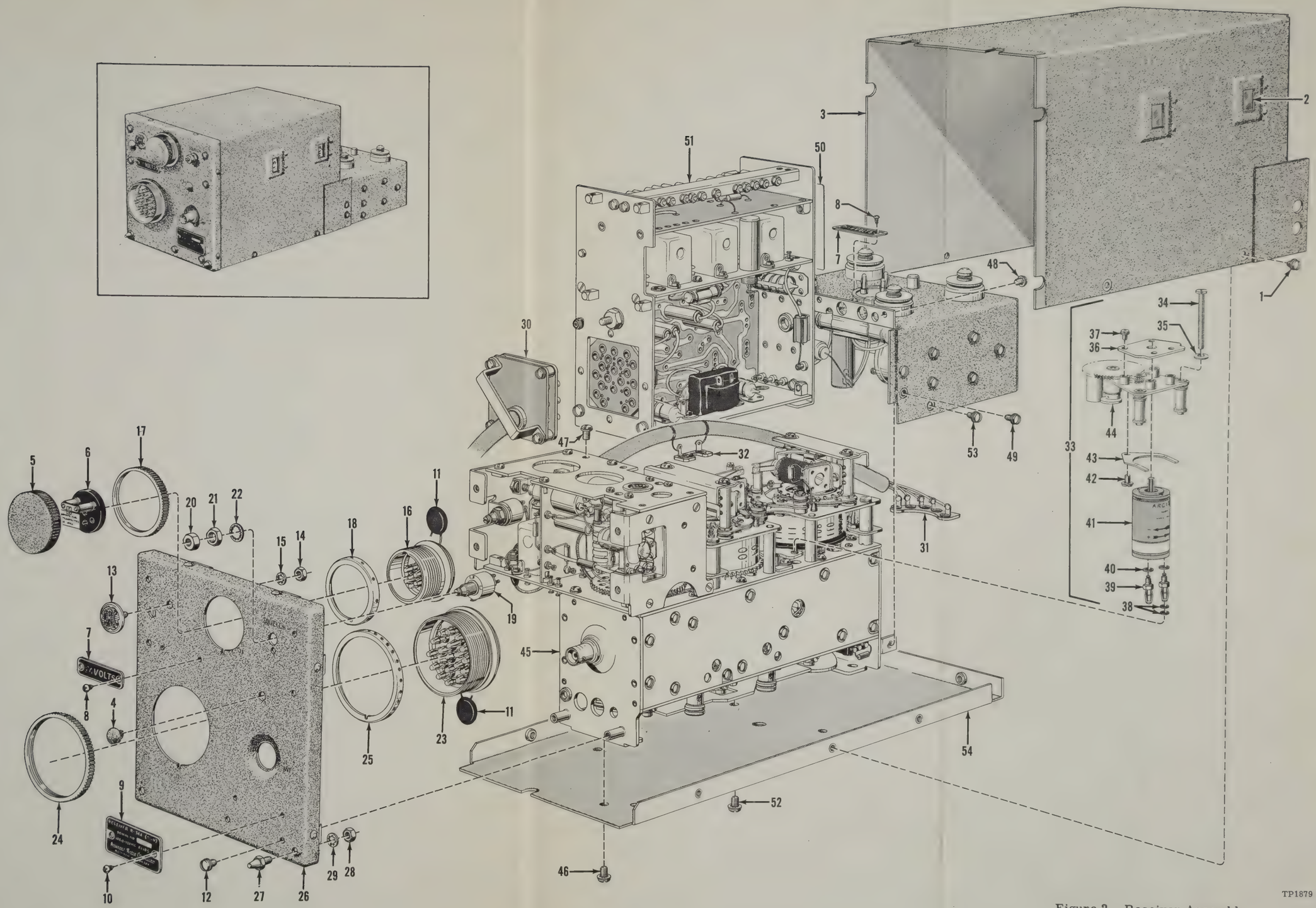
Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-11	8627-9103	. CAPACITOR, Fixed, ceramic, 0.01 μf +100 -0 per cent, . . . 500 vdcw (AB)(40-103W)	19
	22301	. PLATE ASSEMBLY, Front . . . . . (ATTACHING PARTS)	1
-12	504-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . . washer, ni pl, 4-40 thd by 1/4 in. lg (SH)(SEMS)	6
		- - - * - - -	
-13	14115	. . EMBLEM . . . . . (ATTACHING PARTS)	1
-14	6009	. . NUT, Hexagon, brs, ni pl, 4-40 thd by 0.078 in. thk . . .	1
-15	8497	. . WASHER, Lock, sst, 0.119 ID by 0.260 OD by 0.029 in. thk (SH)(1704)	1
		- - - * - - -	
-16	11905	. . CONNECTOR, Receptacle, electrical . . . . . (ATTACHING PARTS)	1
-17	5131	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in . thk (supplied with 16, Figure 2)	1
		- - - * - - -	
-18	24104	. . RING, Electrical grounding	1
-19	8915-0104	. . RESISTOR, Variable, comp, 100,000 ohms ±20 per cent, . 0.33w (AB)(GLU1042SD3028L) (ATTACHING PARTS)	1
-20	—	. . LOCKNUT, Hexagon, 1/4-32 thd (AB)(M4761)(supplied with. 19, Figure 2)	1
-21	—	. . NUT, Hexagon, 1/4-32 thd (AB)(M4721)(supplied with 19, . Figure 2)	1
-22	—	. . WASHER, Lock (AB)(M4748)(supplied with 19, Figure 2) . .	1
		- - - * - - -	
-23	12357	. . CONNECTOR, Receptacle, electrical . . . . . (ATTACHING PARTS)	1
-24	5310	. . NUT, Round, knurled, brs, ni pl, 1-5/8-24 thd by 0.109 in. thk (supplied with 23, Figure 2)	1
		- - - * - - -	
-25	23832	. . RING, Electrical grounding	1
-26	4710	. . PLATE SUBASSEMBLY, Front	1
-27		. . . STUD, Threaded, 6-32	2
	4041	(ATTACHING PARTS)	
-28		. . . NUT, Hexagon, brs, ni pl, 6-32 thd by 5/64 in. thk. . .	2
-29	4042	. . . WASHER, Lock, brz, 0.146 ID by 0.280 OD by 0.030. . in. thk (SH)(1906)	2
		- - - * - - -	
-30	22813	. CONNECTOR, Plug, electrical.	1
-31	19339	. CONNECTOR, Plug, electrical.	2
-32	22815	. CONNECTOR, Plug, electrical.	1
-33	22202-0014	. GEARING ASSEMBLY, 14V	1
-33	22202-0028	. GEARING ASSEMBLY, 28V . . . . . (ATTACHING PARTS)	1
-34	104-0108	. SCREW, Machine, bind. h, brs, ni pl, 4-40 thd by 1-1/8 in. . lg (supplied with 33, Figure 2)	2
-35	7730	. WASHER, Spring tension (supplied with 33, Figure 2).	2
		- - - * - - -	
-36	19543	. . PLATE . . . . . (ATTACHING PARTS)	1
-37	502-0012	. . SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 2-56 thd by 3/16 in. lg (SH)(SEMS)	4
		- - - * - - -	
-38	14363	. . WASHER, Flat, brs, 0.096 ID by 0.156 OD by 0.016 in. thk	2
-39	19546	. . PLUG, Pin	2



TP1879

Figure 2. Receiver Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-11	8627-9103	. CAPACITOR, Fixed, ceramic, 0.01 μf +100 -0 per cent, . . . 500 vdcw (AB)(40-103W)	19
	22301	. PLATE ASSEMBLY, Front . . . . . (ATTACHING PARTS)	1
-12	504-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . . washer, ni pl, 4-40 thd by 1/4 in. lg (SH)(SEMS)	6
		- - - * - - -	
-13	14115	. . EMBLEM . . . . . (ATTACHING PARTS)	1
-14	6009	. . NUT, Hexagon, brs, ni pl, 4-40 thd by 0.078 in. thk . . .	1
-15	8497	. . WASHER, Lock, sst, 0.119 ID by 0.260 OD by 0.029 in. thk (SH)(1704)	1
		- - - * - - -	
-16	11905	. . CONNECTOR, Receptacle, electrical . . . . . (ATTACHING PARTS)	1
-17	5131	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in . thk (supplied with 16, Figure 2)	1
		- - - * - - -	
-18	24104	. . RING, Electrical grounding	1
-19	8915-0104	. . RESISTOR, Variable, comp, 100,000 ohms ±20 per cent, . 0.33w (AB)(GLU1042SD3028L) (ATTACHING PARTS)	1
-20	—	. . LOCKNUT, Hexagon, 1/4-32 thd (AB)(M4761)(supplied with. 19, Figure 2)	1
-21	—	. . NUT, Hexagon, 1/4-32 thd (AB)(M4721)(supplied with 19, . Figure 2)	1
-22	—	. . WASHER, Lock (AB)(M4748)(supplied with 19, Figure 2) . .	1
		- - - * - - -	
-23	12357	. . CONNECTOR, Receptacle, electrical . . . . . (ATTACHING PARTS)	1
-24	5310	. . NUT, Round, knurled, brs, ni pl, 1-5/8-24 thd by 0.109 in. thk (supplied with 23, Figure 2)	1
		- - - * - - -	
-25	23832	. . RING, Electrical grounding	1
-26	4710	. . PLATE SUBASSEMBLY, Front	1
-27	4041	. . . STUD, Threaded, 6-32 . . . . . (ATTACHING PARTS)	2
-28		. . . NUT, Hexagon, brs, ni pl, 6-32 thd by 5/64 in. thk. . .	2
-29	4042	. . . WASHER, Lock, brz, 0.146 ID by 0.280 OD by 0.030. . in. thk (SH)(1906)	2
		- - - * - - -	
-30	22813	. CONNECTOR, Plug, electrical.	1
-31	19339	. CONNECTOR, Plug, electrical.	2
-32	22815	. CONNECTOR, Plug, electrical.	1
-33	22202-0014	. GEARING ASSEMBLY, 14V	1
-33	22202-0028	. GEARING ASSEMBLY, 28V . . . . . (ATTACHING PARTS)	1
-34	104-0108	. SCREW, Machine, bind. h, brs, ni pl, 4-40 thd by 1-1/8 in. . lg (supplied with 33, Figure 2)	2
-35	7730	. WASHER, Spring tension (supplied with 33, Figure 2).	2
		- - - * - - -	
-36	19543	. . PLATE . . . . . (ATTACHING PARTS)	1
-37	502-0012	. . SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 2-56 thd by 3/16 in. lg (SH)(SEMS)	4
		- - - * - - -	
-38	14363	. . WASHER, Flat, brs, 0.096 ID by 0.156 OD by 0.016 in. thk	2
-39	19546	. . PLUG, Pin	2



TP1879

Figure 2. Receiver Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-40	4052	. . WASHER, Lock, sst, 0.092 ID by 0.180 OD by 0.020 in. thk (SH)(1702)	2
-41	18800	. . MOTOR, 14 vdc (CLIP)(DC8C51)	1
-41	18801	. . MOTOR, 28 vdc (CLIP)(DC8C11)	1
		(ATTACHING PART)	
-42	503-0010	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	1
-43	19542	. . SPRING, Support	1
		- - - * - - -	
-44[1]	—	. . GEARING SUBASSEMBLY	1
-45	22275-0014	. RECEIVER SUBASSEMBLY, 14V (see Figure 3)	1
-45	22275-0028	. RECEIVER SUBASSEMBLY, 28V (see Figure 3)	1
		(ATTACHING PARTS)	
-46	516-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, blk oxidized, 6-32 thd by 1/4 in. lg (SH) (SEMS)	2
-47	514-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, blk oxidized, 4-40 thd by 1/4 in. lg (SH) (SEMS)	4
-48	514-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, blk oxidized, 4-40 thd by 3/16 in. lg (SH) (SEMS)	2
-49	513-0020	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, blk oxidized, 3-48 thd by 5/16 in. lg (SH) (SEMS)	1
		- - - * - - -	
-50	24448	. DECAL, Information	1
-51	22297	. FRAME ASSEMBLY, IF and Audio (see Figure 6)	1
		(ATTACHING PARTS)	
-52	516-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, blk oxidized, 6-32 thd by 1/4 in. lg (SH) (SEMS)	2
-53	511-0010	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, blk oxidized, 3-48 thd by 5/32 in. lg (SH) (SEMS)	4
		- - - * - - -	
-54	22440	. PLATE ASSEMBLY, Bottom	1
3-	22275-0014	RECEIVER SUBASSEMBLY, 14V (see 45, Figure 2)	Ref
3-	22275-0028	RECEIVER SUBASSEMBLY, 28V (see 45, Figure 2)	Ref
-1	8915-0502	. RESISTOR, Variable, comp, 5000 ohms ±20 per cent, 0.33w . (AB)(GLU5022SD3028L)	1
		(ATTACHING PARTS)	
-2	—	. LOCKNUT, Hexagon, 1/4-32 thd (AB)(M4761)(supplied with 1, . Figure 3)	1
-3	—	. NUT, Hexagon, 1/4-32 thd (AB)(M4721)(supplied with 1, Figure 3)	1
-4	—	. WASHER, Lock (AB)(M4748)(supplied with 1, Figure 3)	1
		- - - * - - -	
-5	22124	. TRANSFORMER, IF	1
		(ATTACHING PARTS)	
-6	502-0014	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 2-56 thd by 7/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-7	5545	. TERMINAL	1
-8	700-0132	. ELECTRON TUBE, Type 5899	2
-9	22097	. CABLE ASSEMBLY, RF	1
-10	200-0681	. RESISTOR, Fixed, comp, 680 ohms ±10 per cent, 1/4w (AB) . (CB6811)	1
-11	200-0014	. RESISTOR, Fixed, comp, 100,000 ohms ±10 per cent, 1/4w . (AB)(CB1041)	2

[1] Nonprocurable part.

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
3-12	200-0333	. RESISTOR, Fixed, comp, 33,000 ohms ±10 per cent, 1/4w (AB)(CB3331)	1
-13	200-0331	. RESISTOR, Fixed, comp, 330 ohms ±10 per cent, 1/4w (AB) (CB3311)	1
-14	21485-9101	. CAPACITOR, Fixed, electrolytic, 1 μf ±20 per cent, 35 vdcw (SPR)(150D105X0035A2)	2
-15	24045	. SHIELD (used only on models with A1J3 connector (ARC-11905) mounted on center of front panel)	1
-16	8766-0300	. CAPACITOR, Fixed, ceramic, 30 μμf ±2 per cent, 500 vdcw type CC30HG300G	1
-17	[2]8769-*	. CAPACITOR, Fixed, ceramic, selected value, 500 vdcw, type CC20UJ	1
-18	8278	. CAPACITOR, Fixed, ceramic, 3 μμf ±0.25 μμf	1
-19	700-0122	. ELECTRON TUBE, Type 5718	1
-20	8870-0510	. CAPACITOR, Fixed, mica, 51 μμf ±5 per cent, 500 vdcw (EMM)(VTDM15-510J)	1
-21	8854	. CAPACITOR, Fixed, ceramic, 2700 μμf ±2 per cent, 500 vdcw (CN)(BU25272NZ5Z)	1
-22	8870-0241	. CAPACITOR, Fixed, mica, 240 μμf ±5 per cent, 500 vdcw (EMM)(VTDM15-241J)	1
-23	8877-0120	. CHOKE, RF, 12 μh ±10 per cent (JFE)(10102-634)	1
-24	201-0393	. RESISTOR, Fixed, comp, 39,000 ohms ±5 per cent, 1/2w (AB) (EB3935)	1
	21824	. PLATE ASSEMBLY	1
		(ATTACHING PARTS)	
-25	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	4
-26	143-0016	. SCREW, Machine, fh, brs, ni pl, 3-48 thd by 1/4 in. lg	2
-27	19946	. . CAPACITOR, Variable, glass, 0.8-8.5 μμf (JFDM) (modified VC9G)	2
		(ATTACHING PARTS)	
-28	502-0010	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 2-56 thd by 5/32 in. lg (SH)(SEMS)	4
		- - - * - - -	
-29	20620	. . BEARING, Ball (ND)(SSRS77NR3HGZD1228E)	1
		(ATTACHING PARTS)	
-30	20625	. . RING, Retaining (WKI)(5101-56W)	1
-31	20621	. . WASHER, Flat, 0.565 ID by 0.781 OD by 0.032 in. thk	1
		- - - * - - -	
-32[1]	—	. . PLATE SUBASSEMBLY.	1
-33	21782	. PLATE ASSEMBLY, End	1
		(ATTACHING PARTS)	
-34	143-0016	. SCREW, Machine, fh, brs, ni pl, 3-48 thd by 1/4 in. lg	2
		- - - * - - -	
-35	7117	. WASHER, Flat, 0.192 ID by 0.281 OD by 0.005 in. thk	AR
-36	4623	. WASHER, Flat, 0.190 ID by 0.375 OD by 0.005 in. thk	AR
-37	14164	. WASHER, Flat, 0.191 ID by 0.3125 OD by 0.016 in. thk	AR
-38	21478	. WASHER, Flat, 0.191 ID by 0.281 OD by 0.020 in. thk	AR
	22798	. SHAFT SUBASSEMBLY, Cam	1
-39	22797	. . CAM ASSEMBLY.	1
		(ATTACHING PARTS)	
-40	8775-0020	. . PIN, Spring, 5/16 in. lg (EN)(79-012-062-0312)	1
		- - - * - - -	
-41	19686	. . ARM ASSEMBLY	1
-42	19681	. . GEAR ASSEMBLY	1
		(ATTACHING PARTS)	
-43	306-0012	. . SETSCREW, Fluted socket dr, cup point, stl, cad pl, 6-32 thd by 3/16 in. lg (supplied with 42, Figure 3)	2
		- - - * - - -	

[1] Nonprocurable part.
[2] Value between 3 and 15 μμf determined during final adjustment. To complete part number, insert value in place of asterisk.

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
3-44	16171	. . RING, Retaining (WKI)(5100-25W)	1
-45	19687	. . SHAFT	1
-46	22817	. BUSHING	1
	22100	. PLATE ASSEMBLY, Variable IF	1
		(ATTACHING PARTS)	
-47	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	1
-48	103-0016	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/4 in. lg	1
-49	4558	. WASHER, Lock, brz, ni pl, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1903)	1
		- - - * - - -	
-50	24685	. . CAPACITOR, Fixed, mica, 71 μμf ±1 per cent, 500 vdcw (EMM)(VTDM15-710F)	1
-51	200-0823	. . RESISTOR, Fixed, comp, 82,000 ohms ±10 per cent, 1/4w. (AB)(CB8231)	2
-52	8879-9822	. . CAPACITOR, Fixed, comp, 0.82 μμf ±5 per cent, 500 vdcw (STL)(GA0.82)	1
-53	8848	. . CAPACITOR, Fixed, mica, 91 μμf ±1 per cent, 500 vdcw (EMM)(VTDM15-910F)	1
-54	200-0224	. . RESISTOR, Fixed, comp, 220,000 ohms ±10 per cent, 1/4w (AB)(CB2241)	1
-55	200-0222	. . RESISTOR, Fixed, comp, 2200 ohms ±10 per cent, 1/4w (AB)(CB2221)	2
-56	8835	. . CAPACITOR, Fixed, plastic, 0.01 μf ±20 per cent, 300 vdcw vdcw (CLD)(TWA3S1-10)	3
-57	200-0104	. . RESISTOR, Fixed, comp, 100,000 ohms ±10 per cent, 1/4w (AB)(CB1041)	1
-58	8837	. . CAPACITOR, Fixed, plastic, 0.01 μf ±20 per cent, 300 vdcw (CLD)(TWA3S1GS10)	3
		(ATTACHING PARTS)	
-59	4561	. . NUT, Hexagon, brs, ni pl, 3-48 thd by 1/16 in. thk	3
-60	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703)	3
		- - - * - - -	
-61	19732	. . ARM ASSEMBLY, Tuning	1
-62	19869	. . SPRING, Helical, compression	1
-63	19724	. . BEARING, Flanged.	1
-64	19871	. . SPRING, Helical, compression	2
-65	19698	. . TUNING SLUG ASSEMBLY	2
-66	19715	. . COIL ASSEMBLY, Variable IF	2
		(ATTACHING PARTS)	
-67	4697	. . NUT, Round, serrated, brs, ni pl, 3/8-32 thd by 0.094 in.. thk	2
-68	8540	. . WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030. in. thk (SH)(1920-02)	2
		- - - * - - -	
-69	22099	. . PLATE SUBASSEMBLY	1
-70	3873	. TERMINAL	1
-71	21795	. PLATE ASSEMBLY, End	1
		(ATTACHING PARTS)	
-72	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	1
-73	103-0016	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/4 in. lg	1
-74	4558	. WASHER, Lock, brz, ni pl, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1903)	1
		- - - * - - -	
-75	3873	. TERMINAL	1
-76	22203-0014	. TUNER ASSEMBLY, 14V (see Figure 4).	1
-76	22203-0028	. TUNER ASSEMBLY, 28V (see Figure 4).	1

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
3-77	504-0120	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 4-40 thd by 1-5/16 in. lg (SH)(SEMS)	4
-78	19647	. POST	1
-79	7730	. WASHER, Spring tension	1
		- - - * - - -	
-80	22158	. DIAL	1
-81	21813	. DIAL	1
-82	19650	. SPRING, Crystal holding	2
		(ATTACHING PARTS)	
-83	503-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	8
		- - - * - - -	
-84	[3] 19657-*	. CRYSTAL, Quartz	10
-85	[3] 19658-*	. CRYSTAL, Quartz	19
-86	22172	. PLATE ASSEMBLY, Crystal mounting	1
		(ATTACHING PART)	
-87	336-0008	. SETSCREW, Fluted socket dr, fp, stl, cad pl, 6-32 thd by 1/8 in. lg (supplied with 86, Figure 3)	1
		- - - * - - -	
-88	19892	. PLATE, Side.	2
		(ATTACHING PARTS)	
-89	4058	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 3/16 in. lg.	22
		- - - * - - -	
-90	8535	. CAPACITOR, Fixed, ceramic, 250 $\mu\mu$f ±20 per cent, 500 . . vdcw (CN)(BU2051MV5V)	1
-91	8877-9682	. CHOKE, RF, 0.68 μh ±20 per cent (JFE)(10100-628)	1
-92	200-0683	. RESISTOR, Fixed, comp, 68,000 ohms ±10 per cent, 1/4w . . (AB)(CB6831)	1
-93	5216	. TERMINAL	1
		(ATTACHING PARTS)	
-94	164-0016	. SCREW, Machine, fil h, brs, ni pl, 4-40 thd by 1/4 in. lg . .	1
-95	8543	. WASHER, Lock, brz, ni pl, 0.115 ID by 0.162 OD by 0.031 in. thk	1
		- - - * - - -	
-96	22308	. STRAP, Retaining	4
		(ATTACHING PARTS)	
-97	502-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 2-56 thd by 3/16 in. lg (SH)(SEMS)	4
		- - - * - - -	
-98	18327	. CABLE, Coaxial, 8 in. lg (SUR)(9522)	AR
-99	24017	. CONTACT, Electrical, brs, cad pl.	1
		(ATTACHING PARTS)	
-100	503-0019	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 19/64 in. lg (SH)(SEMS)	1
		- - - * - - -	
	22118	. PLATE ASSEMBLY.	1
		(ATTACHING PARTS)	
-101	504-0018	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 4-40 thd by 9/32 in. lg (SH)(SEMS)	3
-102	163-0016	. SCREW, Machine, fil h, brs, ni pl, 3-48 thd by 1/4 in. lg . .	1
-103	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	2
		- - - * - - -	
-104	14811	. . TERMINAL	1
		(ATTACHING PARTS)	
-105	4561	. . NUT, Hexagon, brs, ni pl, 3-48 thd by 1/16 in. thk	1
-106	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703)	1
		- - - * - - -	
-107	20620	. . BEARING, Ball (ND)(SSRS77NR3HGZD1228E)	2

[3] For complete part number, insert frequency in mc in place of asterisk.

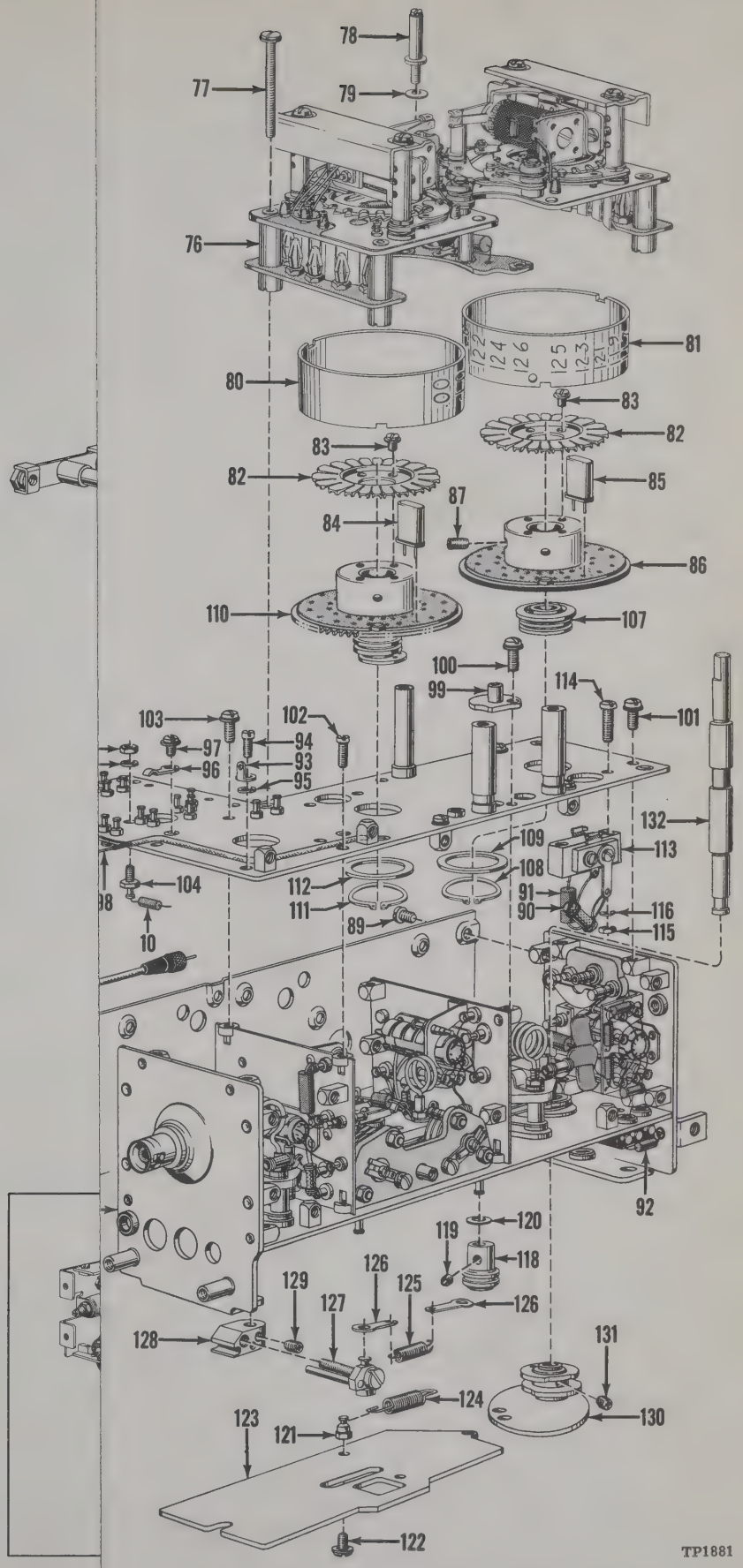


Figure 3. Receiver Subassembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
3-77	504-0120	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 4-40 thd by 1-5/16 in. lg (SH)(SEMS)	4
-78	19647	. POST	1
-79	7730	. WASHER, Spring tension	1
		- - - * - - -	
-80	22158	. DIAL	1
-81	21813	. DIAL	1
-82	19650	. SPRING, Crystal holding	2
		(ATTACHING PARTS)	
-83	503-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	8
		- - - * - - -	
-84	[3]19657-*	. CRYSTAL, Quartz	10
-85	[3]19658-*	. CRYSTAL, Quartz	19
-86	22172	. PLATE ASSEMBLY, Crystal mounting	1
		(ATTACHING PART)	
-87	336-0008	. SETSCREW, Fluted socket dr, fp, stl, cad pl, 6-32 thd by 1/8 in. lg (supplied with 86, Figure 3)	1
		- - - * - - -	
-88	19892	. PLATE, Side.	2
		(ATTACHING PARTS)	
-89	4058	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 3/16 in. lg.	22
		- - - * - - -	
-90	8535	. CAPACITOR, Fixed, ceramic, 250 $\mu\mu$f ±20 per cent, 500 . . vdcw (CN)(BU2051MV5V)	1
-91	8877-9682	. CHOKE, RF, 0.68 μh ±20 per cent (JFE)(10100-628)	1
-92	200-0683	. RESISTOR, Fixed, comp, 68,000 ohms ±10 per cent, 1/4w . . (AB)(CB6831)	1
-93	5216	. TERMINAL	1
		(ATTACHING PARTS)	
-94	164-0016	. SCREW, Machine, fil h, brs, ni pl, 4-40 thd by 1/4 in. lg . .	1
-95	8543	. WASHER, Lock, brz, ni pl, 0.115 ID by 0.162 OD by 0.031 in. thk	1
		- - - * - - -	
-96	22308	. STRAP, Retaining	4
		(ATTACHING PARTS)	
-97	502-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 2-56 thd by 3/16 in. lg (SH)(SEMS)	4
		- - - * - - -	
-98	18327	. CABLE, Coaxial, 8 in. lg (SUR)(9522)	AR
-99	24017	. CONTACT, Electrical, brs, cad pl.	1
		(ATTACHING PARTS)	
-100	503-0019	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 19/64 in. lg (SH)(SEMS)	1
		- - - * - - -	
	22118	. PLATE ASSEMBLY.	1
		(ATTACHING PARTS)	
-101	504-0018	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 4-40 thd by 9/32 in. lg (SH)(SEMS)	3
-102	163-0016	. SCREW, Machine, fil h, brs, ni pl, 3-48 thd by 1/4 in. lg . .	1
-103	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	2
		- - - * - - -	
-104	14811	. . TERMINAL	1
		(ATTACHING PARTS)	
-105	4561	. . NUT, Hexagon, brs, ni pl, 3-48 thd by 1/16 in. thk	1
-106	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703)	1
		- - - * - - -	
-107	20620	. . BEARING, Ball (ND)(SSRS77NR3HGZD1228E)	2

[3] For complete part number, insert frequency in mc in place of asterisk.

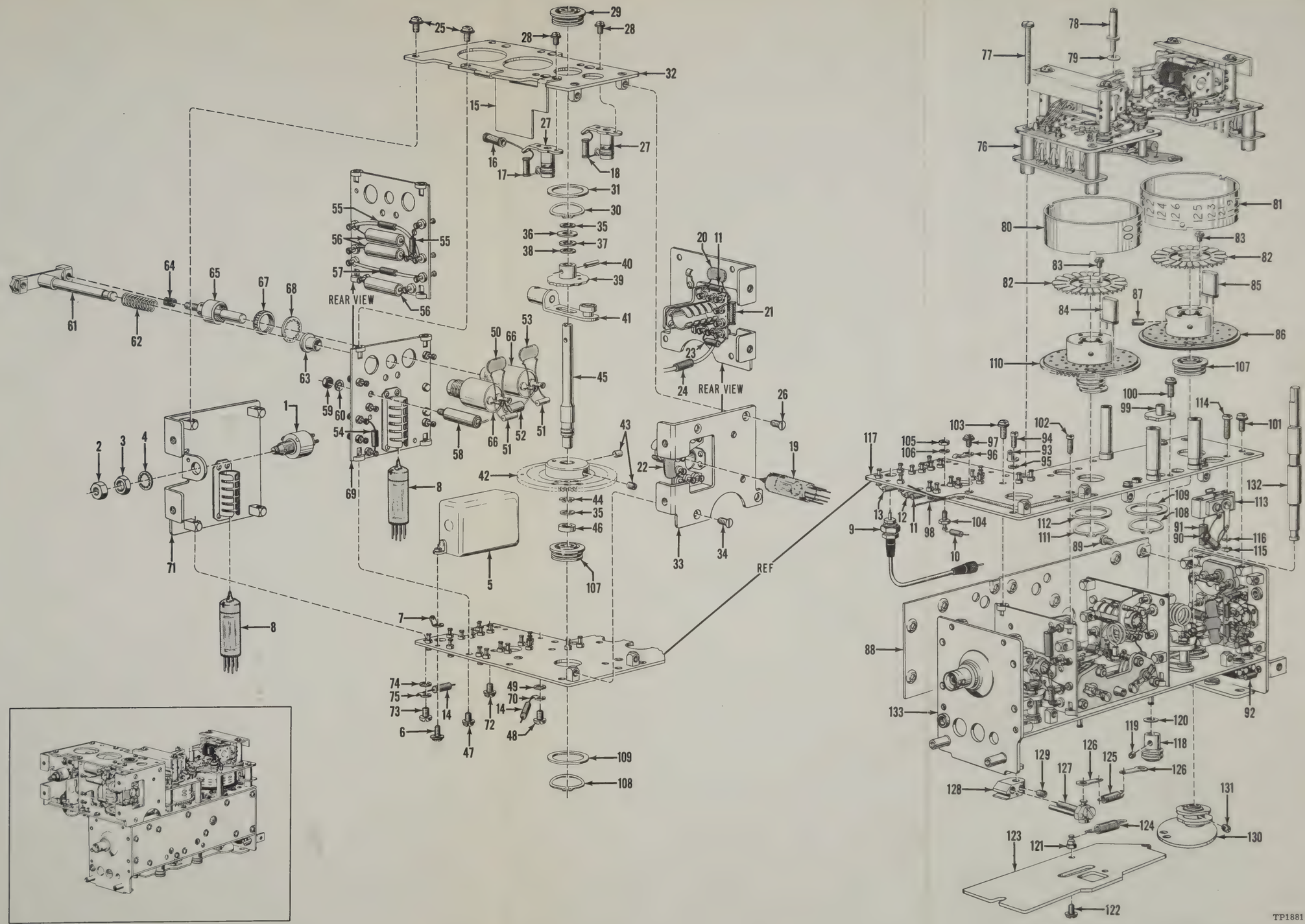
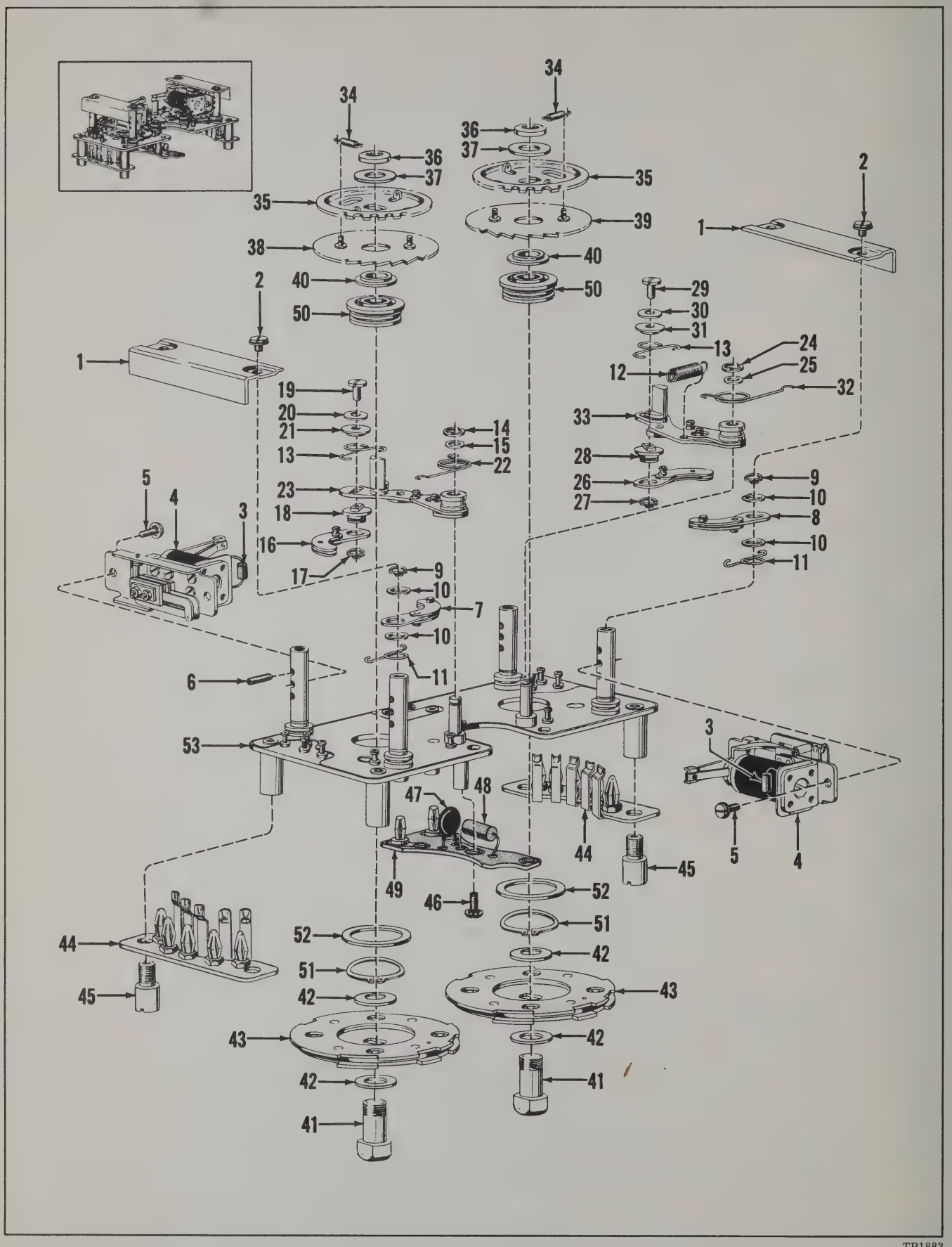


Figure 3. Receiver Subassembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
3-108	20625	. . RING, Retaining (WKI)(5101-56W)	2
-109	20621	. . WASHER, Flat, 0.565 ID by 0.781 OD by 0.032 in. thk . .	2
		- - - * - - -	
-110	22438	. . GEAR ASSEMBLY, Crystal mounting.	1
		(ATTACHING PARTS)	
-111	20625	. . RING, Retaining (WKI)(5101-56W)	1
-112	20621	. . WASHER, Flat, 0.565 ID by 0.781 OD by 0.032 in. thk . .	1
		- - - * - - -	
-113	21303	. . CONTACT ASSEMBLY	2
		(ATTACHING PARTS)	
-114	103-0032	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/2 in. lg	4
-115	4561	. . NUT, Hexagon, brs, ni pl, 3-48 thd by 1/16 in. thk . . .	4
-116	13473	. . WASHER, Spring tension	4
		- - - * - - -	
-117[1]	—	. . PLATE SUBASSEMBLY.	1
-118	19419	. BEARING ASSEMBLY	4
		(ATTACHING PARTS)	
-119	304-0008	. SETSCREW, Fluted socket dr, cup point, stl, cad pl, 4-40 thd by 1/8 in. lg (supplied with 118, Figure 3)	4
		- - - * - - -	
-120	6376	. WASHER, Flat, 0.130 ID by 0.219 OD by 0.0062 in. thk . . .	AR
	19940	. PLATE ASSEMBLY, Tuner	1
-121	15453	. . TERMINAL	2
		(ATTACHING PARTS)	
-122	504-0012	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 4-40 thd by 3/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-123[1]	—	. . PLATE SUBASSEMBLY.	1
-124	23685	. SPRING, Helical, extension	1
-125	14785	. SPRING, Helical, extension	2
-126	4023	. TERMINAL (SH)(2522-6-1).	3
-127	19467	. ARM ASSEMBLY	3
-128	19645	. BLOCK	3
		(ATTACHING PARTS)	
-129	304-0008	. SETSCREW, Fluted socket dr, cup point, stl, cad pl, 4-40 thd by 1/8 in. lg	3
		- - - * - - -	
-130	23699	. CAM ASSEMBLY	1
		(ATTACHING PARTS)	
-131	306-0008	. SETSCREW, Fluted socket dr, cup point, sst, 6-32 thd by 1/8. in. lg (supplied with 130, Figure 3)	2
		- - - * - - -	
-132	21482	. SHAFT ASSEMBLY	1
-133	22267	. FRAME ASSEMBLY, Lower RF (see Figure 5).	1
4-	22203-0014	TUNER ASSEMBLY, 14V (see 76, Figure 3)	Ref
4-	22203-0028	TUNER ASSEMBLY, 28V (see 76, Figure 3)	Ref
-1	20733	. SHIELD, Contact	2
		(ATTACHING PARTS)	
-2	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	4
		- - - * - - -	
-3	23037	. SEMICONDUCTOR DEVICE, Diode (HUG)(HD6226)	2
-4	19664	. RELAY ARMATURE, 14V	2
-4	19665	. RELAY ARMATURE, 28V	2

[1] Nonprocurable part.



TP1883

Figure 4. Tuner Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
4-5	503-0020	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 5/16 in. lg (SH)(SEMS)	4
		- - - * - - -	
-6	314-0016	. SETSCREW, Fluted socket dr, cone point, sst, 4-40 thd by . . 1/4 in. lg	8
-7	19568	. PAWL ASSEMBLY, LH	1
-8	19571	. PAWL ASSEMBLY, RH	1
		(ATTACHING PARTS)	
-9	17742	. RING, Retaining (WKI)(5100-18C).	2
		- - - * - - -	
-10	17765	. WASHER, Flat, 0.190 ID by 0.234 OD by 0.003 in. thk	4
-11	19566	. SPRING, Helical, torsion	2
-12	19569	. SPRING, Helical, extension	1
-13	21504	. SPRING, Helical, torsion	2
	19668	. LEVER ASSEMBLY, LH.	1
		(ATTACHING PARTS)	
-14	17326	. RING, Retaining (WKI)(5133-12C-MF).	1
-15	17768	. WASHER, Flat, 0.128 ID by 0.187 OD by 0.003 in. thk	AR
		- - - * - - -	
-16	19571	. . PAWL ASSEMBLY	1
		(ATTACHING PART)	
-17	17742	. . RING, Retaining (WKI)(5100-18C)	1
		- - - * - - -	
-18	19551	. . POST.	1
		(ATTACHING PARTS)	
-19	103-0016	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/4 in. lg	1
-20	5727	. . WASHER, Spring tension	1
-21	19574	. . WASHER, Shouldered.	1
		- - - * - - -	
-22	19570	. . SPRING, Helical, torsion.	1
-23[1]	—	. . LEVER SUBASSEMBLY.	1
	19674	. LEVER ASSEMBLY, RH.	1
		(ATTACHING PARTS)	
-24	17326	. RING, Retaining (WKI)(5133-12C-MF).	1
-25	17768	. WASHER, Flat, 0.128 ID by 0.187 OD by 0.003 in. thk	AR
		- - - * - - -	
-26	19568	. . PAWL ASSEMBLY	1
		(ATTACHING PART)	
-27	17742	. . RING, Retaining (WKI)(5100-18C)	1
		- - - * - - -	
-28	19551	. . POST.	1
		(ATTACHING PARTS)	
-29	103-0016	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/4 in. lg	1
-30	5727	. . WASHER, Spring tension	1
-31	19574	. . WASHER, Shouldered.	1
		- - - * - - -	
-32	19570	. . SPRING, Helical, torsion.	1
-33[1]	—	. . LEVER SUBASSEMBLY.	1
-34	19442	. SPRING, Helical, extension	4
-35	19572	. PLATE, Indexing.	2
		(ATTACHING PARTS)	
-36	15181	. NUT, Round, serrated, brs, ni pl, 1/4-32 thd by 0.094 in. thk	2
-37	16088	. WASHER, Flat, 0.257 ID by 0.500 OD by 0.032 in. thk	2
		- - - * - - -	
-38	19446	. RATCHET ASSEMBLY, LH	1
-39	19447	. RATCHET ASSEMBLY, RH	1
-40	19573	. BUSHING, Sleeve, flanged.	2
-41	19478	. STUD	2

[1] Nonprocurable part.

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
4-42	16088	. WASHER, Flat, 0.257 ID by 0.500 OD by 0.032 in. thk	4
-43	19443	. PLATE ASSEMBLY	2
-44	22105	. PLATE ASSEMBLY, Contact	2
		(ATTACHING PARTS)	
-45	19374	. POST	4
		- - - * - - -	
	23946	. PLATE ASSEMBLY	1
		(ATTACHING PARTS)	
-46	503-0020	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 5/16 in. lg (SH)(SEMS)	3
		- - - * - - -	
-47	8625-9104	. . CAPACITOR, Fixed, ceramic, 0.001 μf +100 -0 per cent, . 500 vdcw (AB)(24-102W)	1
-48	8877-0150	. . CHOKE, RF, 15 μh ±10 per cent (JFE)(10102-636)	1
-49	23746	. . PLATE SUBASSEMBLY	1
	19661	. PANEL ASSEMBLY	1
-50	20624	. . BEARING, Ball (ND)(SSRS77NR4HGZD1228E)	2
		(ATTACHING PARTS)	
-51	20623	. . RING, Retaining (WKI)(5101-62W)	2
-52	20622	. . WASHER, Flat, 0.630 ID by 0.844 OD by 0.032 in. thk. . .	2
		- - - * - - -	
-53[1]	—	. . PANEL SUBASSEMBLY	1
5-	22267	FRAME ASSEMBLY, Lower RF (see 133, Figure 3)	Ref
	22106	. PLATE ASSEMBLY, Antenna	1
		(ATTACHING PARTS)	
-1	504-0018	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 4-40 thd by 9/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-2	15185	. . CONNECTOR, Receptacle, electrical, type UG-625/U	1
		(ATTACHING PARTS)	
-3	—	. . NUT, Hexagon, 3/8-32 thd by 1/16 in. thk (supplied with 2,. Figure 5)	1
-4	—	. . WASHER, Lock, sst (supplied with 2, Figure 5)	1
		- - - * - - -	
-5[1]	—	. . PLATE SUBASSEMBLY	1
-6	8363	. CAPACITOR, Fixed, ceramic, 15 μμf ±5 per cent, 500 vdcw . (CN)(TU20-150J)	1
-7	8765-0100	. CAPACITOR, Fixed, ceramic, 10 μμf ±0.25 μμf, 500 vdcw, . type CC20HG100C	1
-8	22112	. COIL, Cascode grid	1
-9	19929	. CAPACITOR, Variable, air, 2 sect., 12 μμf ea	1
		(ATTACHING PARTS)	
-10	104-0014	. SCREW, Machine, bind. h, brs, ni pl, 4-40 thd by 7/32 in. lg.	2
-11	8497	. WASHER, Lock, sst, 0.119 ID by 0.260 OD by 0.029 in. thk . (SH)(1704)	1
		- - - * - - -	
-12	5216	. TERMINAL	1
	22611	. PLATE ASSEMBLY, Cascode	1
		(ATTACHING PARTS)	
-13	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	2
		- - - * - - -	
-14	700-0122	. . ELECTRON TUBE, Type 5718	2
-15	8877-9222	. . CHOKE, RF, 0.22 μh ±20 per cent (JFE)(10100-622)	1
-16	8832	. . CAPACITOR, Fixed, ceramic, 1000 μμf ±20 per cent, 500 . vdcw (SLM)(CF123XD102Z3K)	2
-17	200-0104	. . RESISTOR, Fixed, comp, 100,000 ohms ±10 per cent, . . . 1/4w (AB)(CB1041)	1

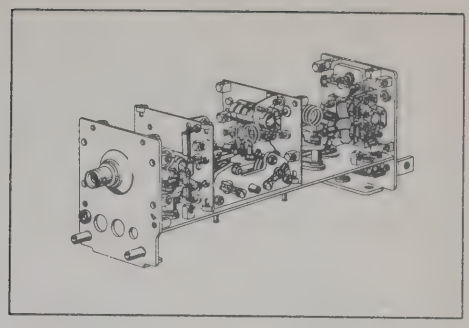
[1] Nonprocurable part.

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
5-18	200-0101	. . RESISTOR, Fixed, comp, 100 ohms ±10 per cent, 1/4w (AB)(CB1011)	1
-19	200-0474	. . RESISTOR, Fixed, comp, 470,000 ohms ±10 per cent, 1/4w (AB)(CB4741)	2
-20[1]	—	. . PLATE SUBASSEMBLY.	1
-21	8877-0150	. CHOKE, RF, 15 μh ±10 per cent (JFE)(10102-636)	
-22	204-0330	. RESISTOR, Fixed, comp, 33 ohms ±10 per cent, 1/4w (GBR) (997CX330K)	1
-23	8541	. CAPACITOR, Fixed, ceramic, 100 μμf ±2 per cent, 500 vdcw (CN)(TU30-101G-U2J)	1
-24	8879-9392	. CAPACITOR, Fixed, comp, 0.39 μμf ±5 per cent, 500 vdcw (STL)(GA0.39)	1
-25	8363	. CAPACITOR, Fixed, ceramic, 15 μμf ±5 per cent, 500 vdcw (CN)(TU20-150J)	1
-26	8706-0511	. CAPACITOR, Fixed, mica, 510 μμf ±2 per cent, 300 vdcw (EMM)(VTCM15-511G)	1
-27	8877-9271	. CHOKE, RF, 2.7 μh ±10 per cent (JFE)(10100-636).	1
-28	22113	. COIL, Cascode plate	1
-29	22114	. COIL, Mixer grid.	1
-30	19929	. CAPACITOR, Variable, air, 2 sect., 12 μμf ea (ATTACHING PARTS)	1
-31	504-0014	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 4-40 thd by 7/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-32	19897	. CAPACITOR, Variable, air, 2 sect., 10 μμf ea (ATTACHING PARTS)	1
-33	103-0010	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 5/32 in. lg.	1
-34	503-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	1
		- - - * - - -	
	22226	. PLATE ASSEMBLY, Mixer (ATTACHING PARTS)	1
-35	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	2
		- - - * - - -	
-36	700-0132	. . ELECTRON TUBE, Type 5899	1
-37	8832	. . CAPACITOR, Fixed, ceramic, 1000 μμf ±20 per cent, 500 vdcw (SLM)(CF123XD102Z3K)	2
-38	200-0474	. . RESISTOR, Fixed, comp, 470,000 ohms ±10 per cent, 1/4w (AB)(CB4741)	1
-39	200-0224	. . RESISTOR, Fixed, comp, 220,000 ohms ±10 per cent, 1/4w (AB)(CB2241)	1
-40	200-0222	. . RESISTOR, Fixed, comp, 2200 ohms ±10 per cent, 1/4w (AB)(CB2221)	1
-41	8908-0511	. . CAPACITOR, Fixed, mica, 510 μμf ±5 per cent, 500 vdcw. (EMM)(VTDM19-511J)	1
-42[1]	—	. . PLATE SUBASSEMBLY.	1
-43	8765-9701	. CAPACITOR, Fixed, ceramic, 7 μμf ±0.25 μμf, 500 vdcw, type CC20HH070C	1
-44	8870-0101	. CAPACITOR, Fixed, mica, 100 μμf ±5 per cent, 500 vdcw (EMM)(VTDM15-101J)	1
-45	22115	. COIL, Doubler	1
-46	22116	. COIL, Oscillator	1
-47	19929	. CAPACITOR, Variable, air, 2 sect., 12 μμf ea (ATTACHING PARTS)	1
-48	104-0014	. SCREW, Machine, bind. h, brs, ni pl, 4-40 thd by 7/32 in. lg.	1
-49	504-0014	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 4-40 thd by 7/32 in. lg (SH)(SEMS)	1
		- - - * - - -	
	22094	. PLATE ASSEMBLY, Oscillator.	1

[1] Nonprocurable part.

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
5-50	504-0018	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 4-40 thd by 9/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-51	700-0136	. . ELECTRON TUBE, Type 6021	1
-52	200-0221	. . RESISTOR, Fixed, comp, 220 ohms ±10 per cent, 1/4w . . (AB)(CB2211)	2
-53	200-0333	. . RESISTOR, Fixed, comp, 33,000 ohms ±10 per cent, 1/4w. (AB)(CB3331)	1
-54	204-0100	. . RESISTOR, Fixed, comp, 10 ohms ±10 per cent, 1/4w . . (GBR)(997CX100K)	1
-55	8870-0510	. . CAPACITOR, Fixed, mica, 51 μμf ±5 per cent, 500 vdcw . (EMM)(VTDM15-510J)	2
-56	8877-9331	. . CHOKE, RF, 3.3 μh ±10 per cent (JFE)(10102-620)	1
-57	200-0332	. . RESISTOR, Fixed, comp, 3300 ohms ±10 per cent, 1/4w . (AB)(CB3321)	1
-58	200-0152	. . RESISTOR, Fixed, comp, 1500 ohms ±10 per cent, 1/4w . (AB)(CB1521)	1
-59	8832	. . CAPACITOR, Fixed, ceramic, 1000 μμf ±20 per cent, . . . 500 vdcw (SLM)(CF123XD102Z3K)	2
-60	19603	. . CAPACITOR, Trimmer, 10 μμf.	1
		(ATTACHING PARTS)	
-61	103-0012	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 3/16 in.lg	2
		- - - * - - -	
-62[1]	—	. . PLATE SUBASSEMBLY.	1
-63	14143	. CAPACITOR, Fixed, ceramic, 1000 μμf ±20 per cent, 500 . . vdcw (ERC)(357)	6
		(ATTACHING PARTS)	
-64	—	. NUT, Hexagon, 12-28 thd by 3/16 in. thk (supplied with 63, . Figure 5)	6
-65	21319	. WASHER, Lock, brz, ni pl, 0.226 ID by 0.400 OD by 0.039 in. thk	5
		- - - * - - -	
-66	23695	. SWITCH AND BRACKET ASSEMBLY	1
		(ATTACHING PARTS)	
-67	162-0012	. SCREW, Machine, fil h, brs, ni pl, 2-56 thd by 3/16 in. lg .	2
		- - - * - - -	
-68	23696	. SWITCH AND BRACKET ASSEMBLY	1
		(ATTACHING PARTS)	
-69	162-0012	. SCREW, Machine, fil h, brs, ni pl, 2-56 thd by 3/16 in. lg .	2
		- - - * - - -	
-70	23723	. SPRING, Helical, extension	1
		(ATTACHING PARTS)	
-71	23693	. SCREW, Shouldered, brs, ni pl, 2-56 thd	2
		- - - * - - -	
-72	23688	. BUSHING, Sleeve, flanged, brs, ni pl.	2
		(ATTACHING PARTS)	
-73	102-0015	. SCREW, Machine, bind. h, brs, ni pl, 2-56 thd by 15/64 in. lg.	2
		- - - * - - -	
-74	23868	. LEVER ASSEMBLY, Audio switch	1
-75	23867	. LEVER ASSEMBLY, Localizer switch	1
-76	17768	. WASHER, Flat, sst, 0.128 ID by 0.187 OD by 0.003 in. thk .	AR
-77	20620	. BEARING, Ball (ND)(SSRS77NR3HGZD1228E)	1
		(ATTACHING PARTS)	
-78	20625	. RING, Retaining (WKI)(5101-56W)	1
-79	23684	. WASHER, Flat	1
		- - - * - - -	
-80	15453	. TERMINAL	1

[1] Nonprocurable part.



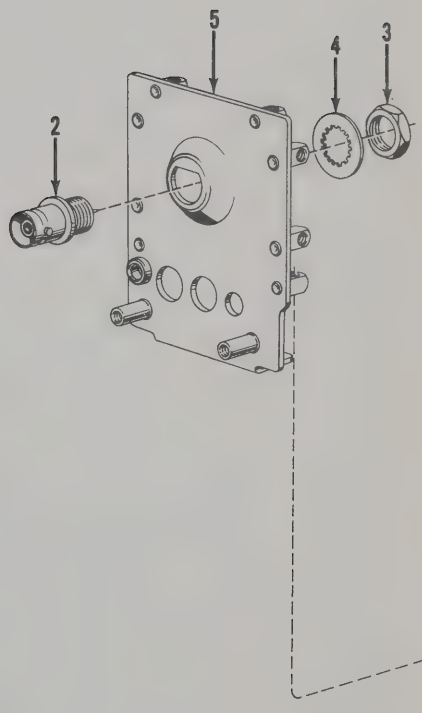
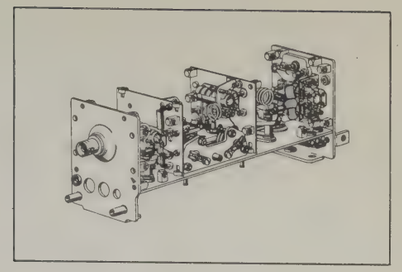
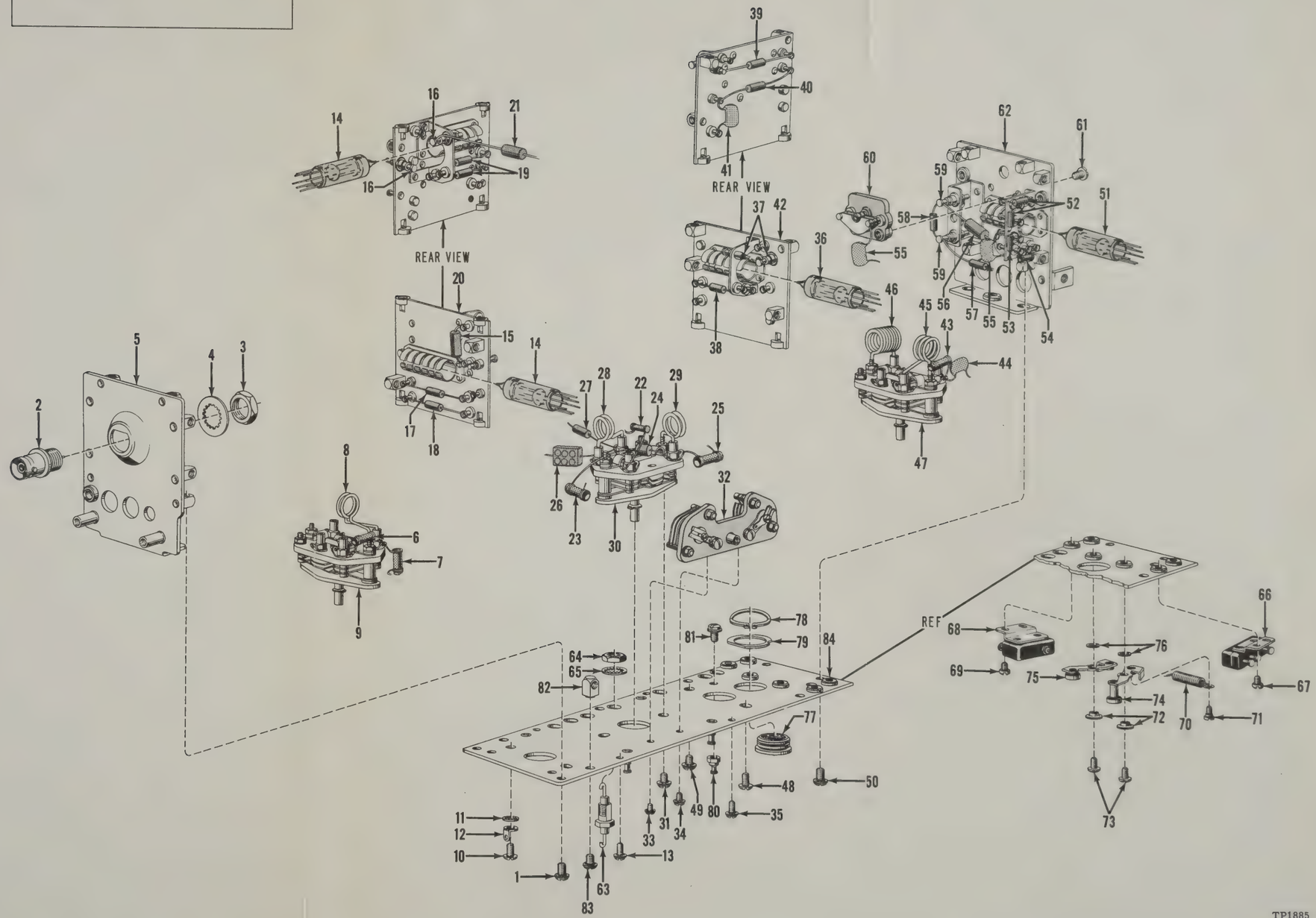

5
4
3
2

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
5-50	504-0018	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 4-40 thd by 9/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-51	700-0136	. . ELECTRON TUBE, Type 6021	1
-52	200-0221	. . RESISTOR, Fixed, comp, 220 ohms ±10 per cent, 1/4w (AB)(CB2211)	2
-53	200-0333	. . RESISTOR, Fixed, comp, 33,000 ohms ±10 per cent, 1/4w. (AB)(CB3331)	1
-54	204-0100	. . RESISTOR, Fixed, comp, 10 ohms ±10 per cent, 1/4w (GBR)(997CX100K)	1
-55	8870-0510	. . CAPACITOR, Fixed, mica, 51 μμf ±5 per cent, 500 vdcw (EMM)(VTDM15-510J)	2
-56	8877-9331	. . CHOKE, RF, 3.3 μh ±10 per cent (JFE)(10102-620)	1
-57	200-0332	. . RESISTOR, Fixed, comp, 3300 ohms ±10 per cent, 1/4w (AB)(CB3321)	1
-58	200-0152	. . RESISTOR, Fixed, comp, 1500 ohms ±10 per cent, 1/4w (AB)(CB1521)	1
-59	8832	. . CAPACITOR, Fixed, ceramic, 1000 μμf ±20 per cent, 500 vdcw (SLM)(CF123XD102Z3K)	2
-60	19603	. . CAPACITOR, Trimmer, 10 μμf. (ATTACHING PARTS)	1
-61	103-0012	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 3/16 in.lg	2
		- - - * - - -	
-62[1]	—	. . PLATE SUBASSEMBLY.	1
-63	14143	. CAPACITOR, Fixed, ceramic, 1000 μμf ±20 per cent, 500 vdcw (ERC)(357)	6
		(ATTACHING PARTS)	
-64	—	. NUT, Hexagon, 12-28 thd by 3/16 in. thk (supplied with 63, Figure 5)	6
-65	21319	. WASHER, Lock, brz, ni pl, 0.226 ID by 0.400 OD by 0.039 in. thk	5
		- - - * - - -	
-66	23695	. SWITCH AND BRACKET ASSEMBLY	1
		(ATTACHING PARTS)	
-67	162-0012	. SCREW, Machine, fil h, brs, ni pl, 2-56 thd by 3/16 in. lg	2
		- - - * - - -	
-68	23696	. SWITCH AND BRACKET ASSEMBLY	1
		(ATTACHING PARTS)	
-69	162-0012	. SCREW, Machine, fil h, brs, ni pl, 2-56 thd by 3/16 in. lg	2
		- - - * - - -	
-70	23723	. SPRING, Helical, extension	1
		(ATTACHING PARTS)	
-71	23693	. SCREW, Shouldered, brs, ni pl, 2-56 thd	2
		- - - * - - -	
-72	23688	. BUSHING, Sleeve, flanged, brs, ni pl.	2
		(ATTACHING PARTS)	
-73	102-0015	. SCREW, Machine, bind. h, brs, ni pl, 2-56 thd by 15/64 in. lg.	2
		- - - * - - -	
-74	23868	. LEVER ASSEMBLY, Audio switch	1
-75	23867	. LEVER ASSEMBLY, Localizer switch	1
-76	17768	. WASHER, Flat, sst, 0.128 ID by 0.187 OD by 0.003 in. thk	AR
-77	20620	. BEARING, Ball (ND)(SSRS77NR3HGZD1228E)	1
		(ATTACHING PARTS)	
-78	20625	. RING, Retaining (WKI)(5101-56W)	1
-79	23684	. WASHER, Flat	1
		- - - * - - -	
-80	15453	. TERMINAL	1

[1] Nonprocurable part.





TP1885

Figure 5. Lower R-f Frame Assembly

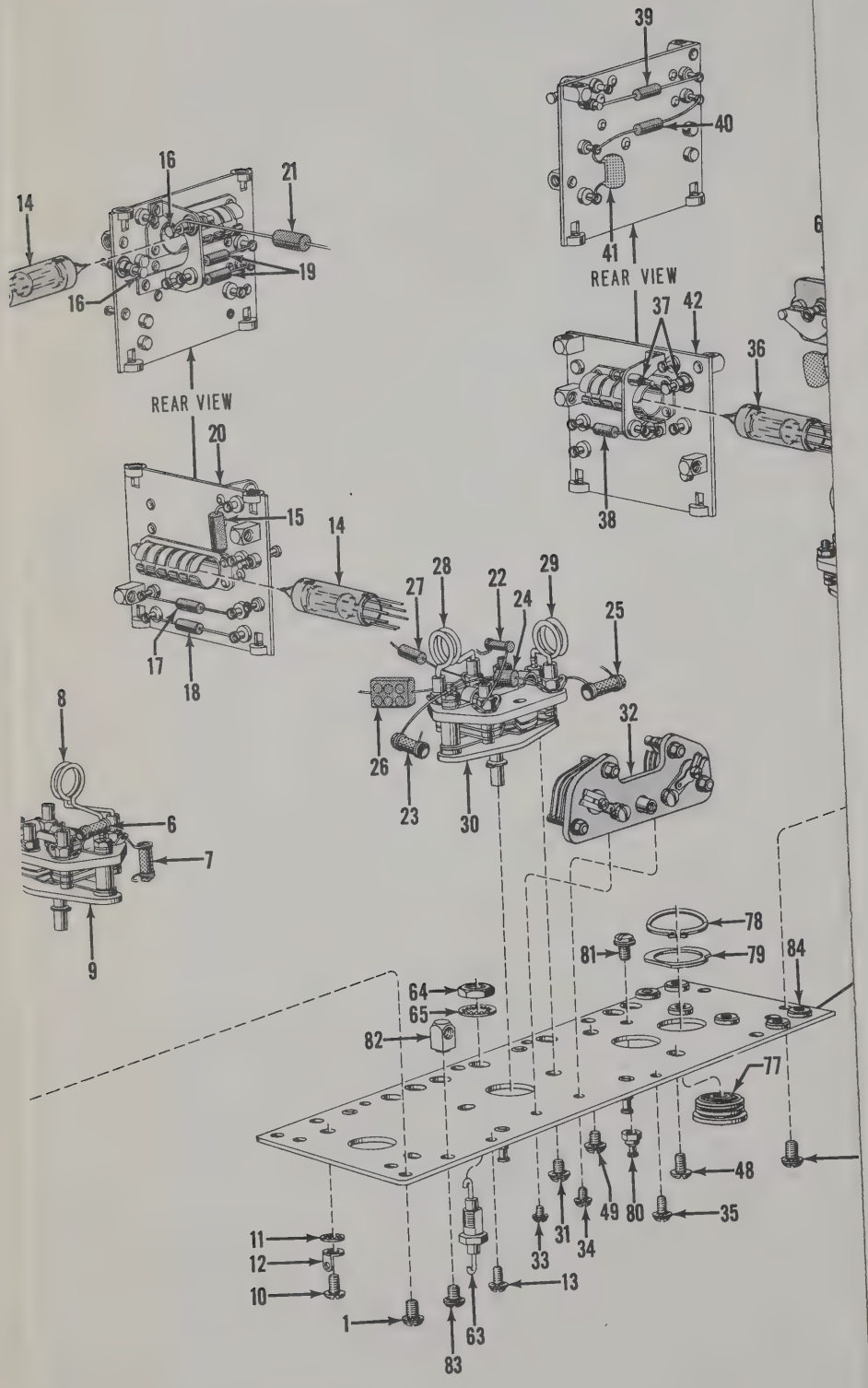

39
40
41
REAR VIEW
16
21
14
19
16
REAR VIEW
37
42
36
38
20
15
14
27
28
22
24
29
25
17
18
26
23
30
32
8
6
7
9
78
81
79
84
64
65
82
77
48
49
80
35
31
34
33
11
12
10
13
1
63
83

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PART)	
5-81	504-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 4-40 thd by 3/16 in. lg (SH)(SEMS)	1
		- - - * - - -	
-82	19886	. INSERT	5
		(ATTACHING PARTS)	
-83	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 5/32 in lg. (SH)(SEMS)	5
		- - - * - - -	
-84	21806	. PLATE SUBASSEMBLY, Mounting	1
6-	22297	FRAME ASSEMBLY, IF and Audio (see 51, Figure 2)	Ref
-1	8837	. CAPACITOR, Fixed, plastic, 0.01 μf ±20 per cent, 300 vdcw . (CLD)(TWA3S1GS10)	11
		(ATTACHING PARTS)	
-2	4561	. NUT, Hexagon, brs, ni pl, 3-48 thd by 0.062 in. thk	11
-3	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk . (SH)(1703)	11
		- - - * - - -	
-4	7475	. TERMINAL	1
-5	21807	. BRACKET ASSEMBLY, Capacitor mounting	1
		(ATTACHING PARTS)	
-6	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	4
		- - - * - - -	
	22244	. PRINTED CIRCUIT ASSEMBLY, IF.	1
		(ATTACHING PARTS)	
-7	504-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 4-40 thd by 1/4 in. lg (SH)(SEMS)	2
-8	103-0016	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/4 in. lg .	2
-9	10353	. WASHER, Spring tension	2
		- - - * - - -	
-10	21485-9221	. . CAPACITOR, Fixed, electrolytic, 2.2 μf ±20 per cent, 35 . vdcw (SPR)(150D225X0035B2)	2
-11	200-0151	. . RESISTOR, Fixed, comp, 150 ohms ±10 per cent, 1/4w . . (AB)(CB1511)	2
-12	200-0472	. . RESISTOR, Fixed, comp, 4700 ohms ±10 per cent, 1/4w . (AB)(CB4721)	2
-13	200-0222	. . RESISTOR, Fixed, comp, 2200 ohms ±10 per cent, 1/4w . (AB)(CB2221)	2
-14	200-0104	. . RESISTOR, Fixed, comp, 100,000 ohms ±10 per cent, 1/4w (AB)(CB1041)	1
-15	200-0181	. . RESISTOR, Fixed, comp, 180 ohms ±10 per cent, 1/4w . (AB)(CB1811)	1
-16	201-0393	. . RESISTOR, Fixed, comp, 39,000 ohms ±5 per cent, 1/2w . (AB)(EB3935)	1
-17	200-0221	. . RESISTOR, Fixed, comp, 220 ohms ±10 per cent, 1/4w . (AB)(CB2211)	1
-18	23037	. . SEMICONDUCTOR DEVICE, Diode (HUG)(HD6226).	[4] 2
-19	200-0334	. . RESISTOR, Fixed, comp, 330,000 ohms ±10 per cent, 1/4w (AB)(CB3341)	1
-20	[5] 200-*	. . RESISTOR, Fixed, comp, selected value, 1/4w (AB). . . . (type CB)	2
-21	22245	. . PRINTED CIRCUIT SUBASSEMBLY	1
-22	8851	. CAPACITOR, Fixed, electrolytic, 2 μf ±20 per cent, 150 vdcw (SPR)(110D45)	1
-23	700-0132	. ELECTRON TUBE, Type 5899	2
-24	700-0129	. ELECTRON TUBE, Type 5840	1
-25	700-0139	. ELECTRON TUBE, Type 6112	1

[4] Three used in Serial No. 101-110, 112, 114, and 117 of 28-volt model.
[5] Value between 47,000 ohms and 470,000 ohms determined during final adjustment. To complete part number, insert value in place of asterisk.

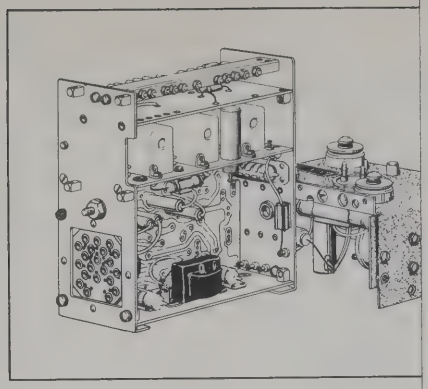
Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
6-26	22124	. TRANSFORMER, IF	2
		(ATTACHING PARTS)	
-27	502-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 2-56 thd by 1/4 in. lg (SH)(SEMS)	3
-28	102-0014	. SCREW, Machine, bind. h, brs, ni pl, 2-56 thd by 7/32 in. lg.	1
-29	4052	. WASHER, Lock, sst, 0.092 ID by 0.180 OD by 0.020 in. thk (SH)(1702)	1
-30	13046	. WASHER, Flat, 0.114 ID by 0.203 OD by 0.020 in. thk	3
		- - - * - - -	
-31	5545	. TERMINAL	3
-32	200-0224	. RESISTOR, Fixed, comp, 220,000 ohms +10 per cent, 1/4w (AB)(CB2241)	1
-33	22126	. TRANSFORMER, IF	1
		(ATTACHING PARTS)	
-34	502-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 2-56 thd by 1/4 in. lg (SH)(SEMS)	1
-35	102-0014	. SCREW, Machine, bind. h, brs, ni pl, 2-56 thd by 7/32 in. lg.	1
-36	4052	. WASHER, Lock, sst, 0.092 ID by 0.180 OD by 0.020 in. thk (SH)(1702)	1
		- - - * - - -	
-37	5545	. TERMINAL	1
	22285	. PRINTED CIRCUIT ASSEMBLY, AF	1
		(ATTACHING PARTS)	
-38	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	4
		- - - * - - -	
-39	8837	. . CAPACITOR, Fixed, plastic, 0.01 µf ±20 per cent, 300 vdcw (CLD)(TWA3S1GS10)	4
		(ATTACHING PARTS)	
-40	4561	. . NUT, Hexagon, brs, ni pl, 3-48 thd by 0.062 in. thk.	4
		- - - * - - -	
-41	23037	. . SEMICONDUCTOR DEVICE, Diode (HUG)(HD6226)	1
-42	21485-9102	. . CAPACITOR, Fixed, electrolytic, 0.1 µf ±20 per cent, 35 vdcw (SPR)(150D104X0035A2)	2
-43	200-0683	. . RESISTOR, Fixed, comp, 68,000 ohms ±10 per cent, 1/4w. (AB)(CB6831)	3
-44	8881-0007	. . CAPACITOR, Fixed, electrolytic, 5 µf +50 - 15 per cent, 50 vdcw (FML)(PB5B50A2)	1
-45	202-0471	. . RESISTOR, Fixed, comp, 470 ohms ±5 per cent, 1w (AB) (GB4715)	1
-46	200-0105	. . RESISTOR, Fixed, comp, 1 megohm ±10 per cent, 1/4w (AB)(CB1051)	3
-47	200-0682	. . RESISTOR, Fixed, comp, 6800 ohms ±10 per cent, 1/4w. (AB)(CB6821)	2
-48	200-0224	. . RESISTOR, Fixed, comp, 220,000 ohms ±10 per cent, 1/4w (AB)(CB2241)	2
-49	8908-0511	. . CAPACITOR, Fixed, mica, 510 µµf ±5 per cent, 500 vdcw. (EMM)(VTDM19-511J)	1
-50	200-0103	. . RESISTOR, Fixed, comp, 10,000 ohms ±10 per cent, 1/4w. (AB)(CB1031)	2
-51	200-0474	. . RESISTOR, Fixed, comp, 470,000 ohms ±10 per cent, 1/4w (AB)(CB4741)	2
-52	200-0104	. . RESISTOR, Fixed, comp, 100,000 ohms ±10 per cent, 1/4w (AB)(CB1041)	3
-53	8835	. . CAPACITOR, Fixed, plastic, 0.01 µf ±20 per cent, 300 vdcw (CLD)(TWA3S1-10)	1
-54	200-0334	. . RESISTOR, Fixed, comp, 330,000 ohms ±10 per cent, 1/4w (AB)(CB3341)	3
-55	8908-0102	. . CAPACITOR, Fixed, mica, 1000 µµf ±5 per cent, 500 vdcw (EMM)(VTDM19-102J)	1

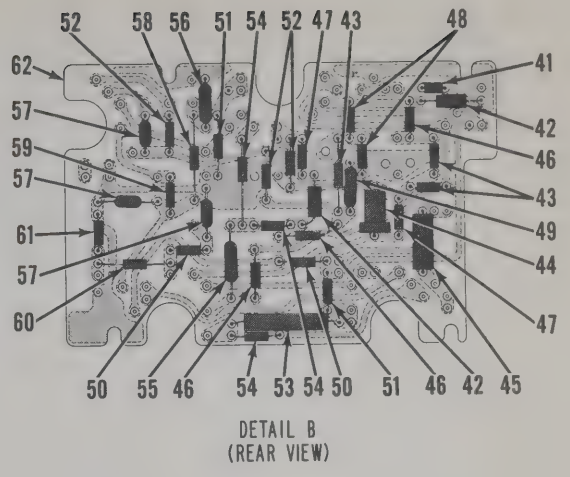
Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
6-56	8908-0241	. . CAPACITOR, Fixed, mica, 240 μμf ±5 per cent, 500 vdcw. (EMM)(VTDM19-241J)	1
-57	8870-0101	. . CAPACITOR, Fixed, mica, 100 μμf ±5 per cent, 500 vdcw. (EMM)(VTDM15-101J)	3
-58	200-0153	. . RESISTOR, Fixed, comp, 15,000 ohms ±10 per cent, 1/4w. (AB)(CB1531)	1
-59	200-0333	. . RESISTOR, Fixed, comp, 33,000 ohms ±10 per cent, 1/4w. (AB)(CB3331)	1
-60	200-0223	. . RESISTOR, Fixed, comp, 22,000 ohms ±10 per cent, 1/4w. (AB)(CB2231)	1
-61	200-0331	. . RESISTOR, Fixed, comp, 330 ohms ±10 per cent, 1/4w . . (AB)(CB3311)	1
-62	22283	. . PRINTED CIRCUIT SUBASSEMBLY	1
	21848	. PLATE ASSEMBLY, ... (ATTACHING PARTS)	1
-63	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	2
-64	143-0016	. SCREW, Machine, fh, brs, ni pl, 3-48 thd by 1/4 in. lg . . .	2
		- - - * - - -	
-65	8900-9102	. . CAPACITOR, Fixed, paper, 0.1 μf ±20 per cent 200 vdcw . (SPR)(186P10402T15) (ATTACHING PARTS)	1
-66	—	. . NUT, Hexagon, 5/16-24 thd (supplied with 65, Figure 6) .	1
-67	—	. . WASHER, Lock (supplied with 65, Figure 6)	1
		- - - * - - -	
-68	18709	. . CLIP, Spring tension. . . . . (ATTACHING PARTS)	1
-69	504-0018	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 4-40 thd by 9/32 in. lg (SH)(SEMS)	1
		- - - * - - -	
-70[1]	—	. . PLATE SUBASSEMBLY.	1
-71	700-0133	. ELECTRON TUBE, Type 5902	1
-72	700-0136	. ELECTRON TUBE, Type 6021	1
-73	8890-9223	. CAPACITOR, Fixed, paper, 0.022 μf ±20 per cent, 200 vdcw . (SPR)(196P22302S4)	1
-74	200-0332	. RESISTOR, Fixed, comp, 3300 ohms ±10 per cent, 1/4w (AB) . (CB3321)	1
-75	20679	. TRANSFORMER, Audio frequency (CMPB)(L1883) . . . . . (ATTACHING PARTS)	1
-76	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . . washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	1
-77	103-0016	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/4 in. lg .	1
-78	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk . (SH)(1703)	1
		- - - * - - -	
-79	5914	. TERMINAL	1
	21826	. PLATE ASSEMBLY, Bottom. . . . . (ATTACHING PARTS)	1
-80	504-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . . washer, ni pl, 4-40 thd by 1/4 in. lg (SH)(SEMS)	4
		- - - * - - -	
-81	18709	. . CLIP, Spring tension. . . . . (ATTACHING PART)	1
-82	504-0018	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 4-40 thd by 9/32 in. lg (SH)(SEMS)	1
		- - - * - - -	
-83[1]	—	. . PLATE SUBASSEMBLY.	1
-84	200-0104	. RESISTOR, Fixed, comp, 100,000 ohms ±10 per cent, 1/4w . (AB)(CB1041)	1

[1] Nonprocurable part.

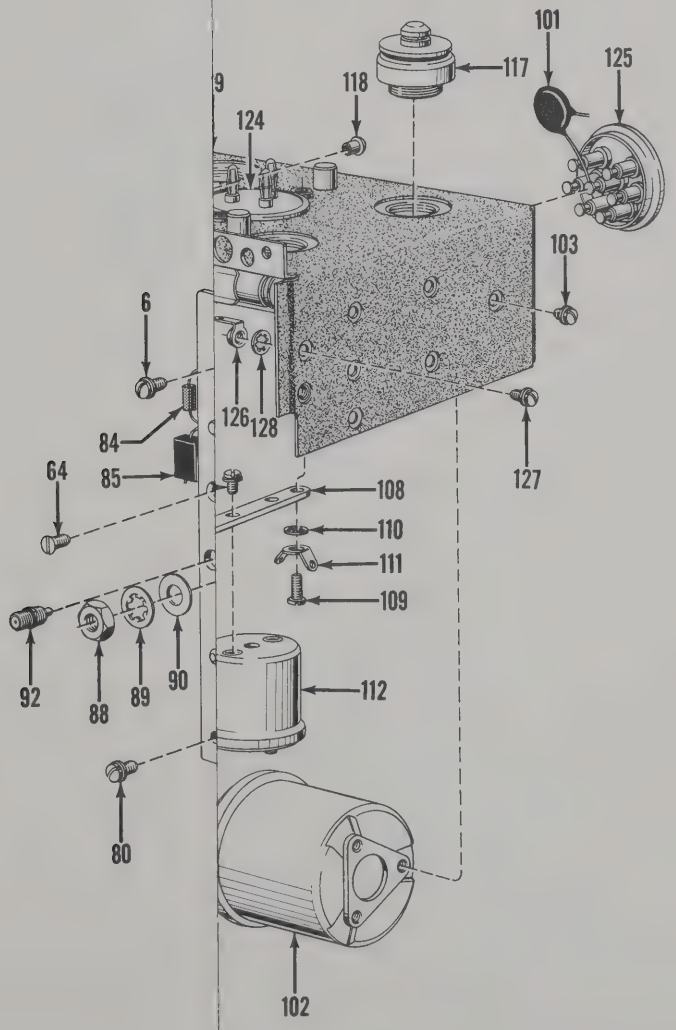
Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
6-85	8706-0101	. CAPACITOR, Fixed, mica, 100 μμf ±2 per cent, 500 vdcw . . (EMM)(VTCM15-101G)	1
-86	200-0473	. RESISTOR, Fixed, comp, 47,000 ohms ±10 per cent, 1/4w . . (AB)(CB4731)	1
	22102	. PLATE ASSEMBLY	1
-87	22298-0101	. . SEMICONDUCTOR DEVICE, Diode, type 1N1375 . . . . . (ATTACHING PARTS)	1
-88	—	. . NUT, Hexagon, 10-32 thd (supplied with 87, Figure 6) . . .	1
-89	—	. . WASHER, Lock (supplied with 87, Figure 6)	1
-90	—	. . WASHER, Flat (supplied with 87, Figure 6)	1
		- - - * - - -	
-91	—	. . TERMINAL (supplied with 87, Figure 6)	1
-92	19323	. . JACK, Tip (FMCD)(3101) . . . . . (ATTACHING PART)	1
-93	—	. . NUT, Hexagon, 10-32 thd (supplied with 92, Figure 6) . . .	1
		- - - * - - -	
-94[1]	—	. . PLATE SUBASSEMBLY	1
-95	22298-0680	. SEMICONDUCTOR DEVICE, Diode, type 1N1371	1
-96	—	. WASHER, Lock (supplied with 95, Figure 6)	1
-97	700-0131	. ELECTRON TUBE, Type 5896	1
-98	202-0563	. RESISTOR, Fixed, comp, 56,000 ohms ±5 per cent, 1w (AB) . (GB5635)	1
-99	8777	. CAPACITOR, Fixed, electrolytic, 12 μf ±20 per cent, 150 . . vdcw (SPR)(110D47)	[6]2
-100	209-9301	. RESISTOR, Fixed, ww, 3 ohms ±3 per cent, 3w (DABU) . . . . (RS2-3R0H)(used on 28V model only)	1
-101	8627-9103	. CAPACITOR, Fixed, ceramic, 0.01 μf +100 -0 per cent, 500 . vdcw (AB)(40-103W)	4
	22312	. REAR PLATE AND INTERCONNECTING BOX ASSEMBLY . .	1
-102	5413	. . CAPACITOR, Fixed, paper, 3 sect., 0.22 μf ±20 per cent . ea, 400 vdcw (ATTACHING PARTS)	1
-103	510-0010	. . SCREW, Assembled washer, bind. h, brs screw, brz lock-washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	3
		- - - * - - -	
-104	5634	. . REACTOR, 3H . . . . . (ATTACHING PARTS)	1
-105	510-0010	. . SCREW, Assembled washer, bind. h, brs screw, brz lock-. washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	3
-106	6350	. . CAPACITOR, Fixed, electrolytic, 5 μf, 300 vdcw . . . . . (ATTACHING PARTS)	2
-107	510-0009	. . SCREW, Assembled washer, bind. h, brs screw, brz lock-. washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	4
		- - - * - - -	
-108	5258	. . PLATE, Mounting . . . . . (ATTACHING PARTS)	1
-109	103-0020	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 5/16 . . in. lg	2
-110	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703)	2
		- - - * - - -	
-111	9542	. . TERMINAL	2
-112	5546	. . REACTOR, 0.098 mh ±5 per cent . . . . . (ATTACHING PARTS)	1
-113	503-0012	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-114	3065	. . RESISTOR, Fixed, ww, 5000 ohms ±5 per cent, 10w . . .	1

[1] Nonprocurable part.
[6] One used in Serial No. 117, 115 and below of 28-volt models.





DETAIL B
(REAR VIEW)

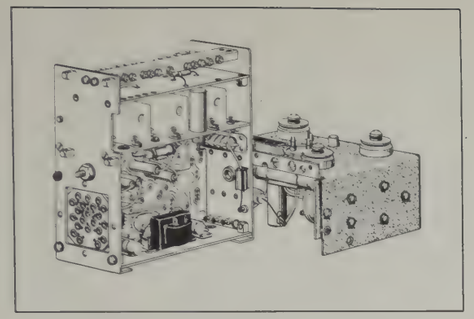


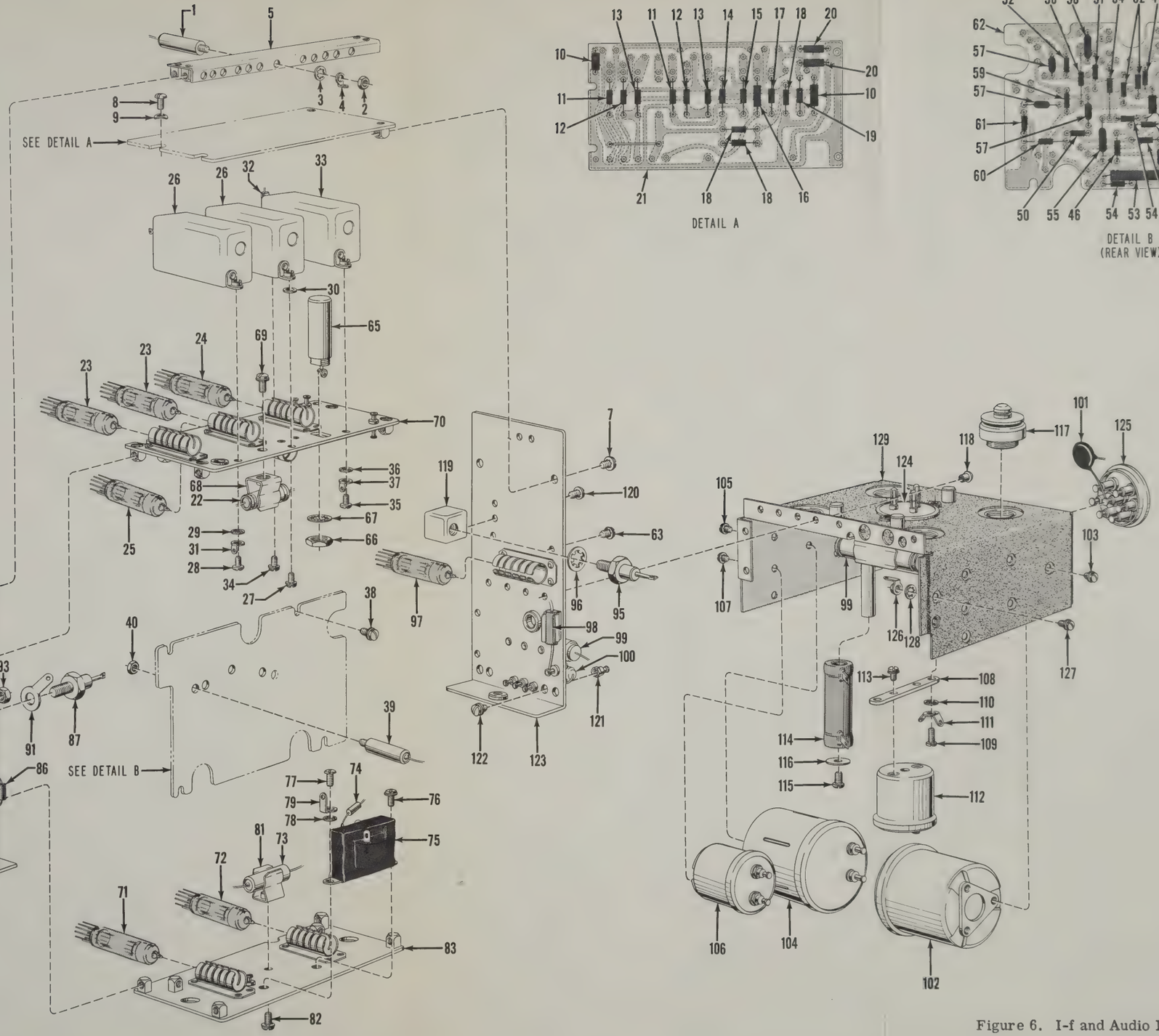
TP1887

Figure 6. I-f and Audio Frame Assembly

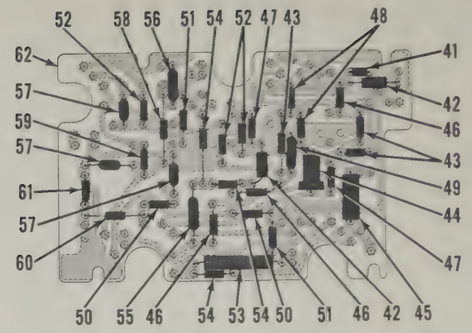
Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
6-85	8706-0101	. CAPACITOR, Fixed, mica, 100 μμf ±2 per cent, 500 vdcw (EMM)(VTCM15-101G)	1
-86	200-0473	. RESISTOR, Fixed, comp, 47,000 ohms ±10 per cent, 1/4w (AB)(CB4731)	1
	22102	. PLATE ASSEMBLY	1
-87	22298-0101	. . SEMICONDUCTOR DEVICE, Diode, type 1N1375 (ATTACHING PARTS)	1
-88	—	. . NUT, Hexagon, 10-32 thd (supplied with 87, Figure 6)	1
-89	—	. . WASHER, Lock (supplied with 87, Figure 6)	1
-90	—	. . WASHER, Flat (supplied with 87, Figure 6)	1
		- - - * - - -	
-91	—	. . TERMINAL (supplied with 87, Figure 6)	1
-92	19323	. . JACK, Tip (FMCD)(3101) (ATTACHING PART)	1
-93	—	. . NUT, Hexagon, 10-32 thd (supplied with 92, Figure 6)	1
		- - - * - - -	
-94[1]	—	. . PLATE SUBASSEMBLY	1
-95	22298-0680	. SEMICONDUCTOR DEVICE, Diode, type 1N1371	1
-96	—	. WASHER, Lock (supplied with 95, Figure 6)	1
-97	700-0131	. ELECTRON TUBE, Type 5896	1
-98	202-0563	. RESISTOR, Fixed, comp, 56,000 ohms ±5 per cent, 1w (AB) (GB5635)	1
-99	8777	. CAPACITOR, Fixed, electrolytic, 12 μf ±20 per cent, 150 vdcw (SPR)(110D47)	[6]2
-100	209-9301	. RESISTOR, Fixed, ww, 3 ohms ±3 per cent, 3w (DABU) (RS2-3R0H)(used on 28V model only)	1
-101	8627-9103	. CAPACITOR, Fixed, ceramic, 0.01 μf +100 -0 per cent, 500 vdcw (AB)(40-103W)	4
	22312	. REAR PLATE AND INTERCONNECTING BOX ASSEMBLY	1
-102	5413	. . CAPACITOR, Fixed, paper, 3 sect., 0.22 μf ±20 per cent ea, 400 vdcw (ATTACHING PARTS)	1
-103	510-0010	. . SCREW, Assembled washer, bind. h, brs screw, brz lock-washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	3
		- - - * - - -	
-104	5634	. . REACTOR, 3H. (ATTACHING PARTS)	1
-105	510-0010	. . SCREW, Assembled washer, bind. h, brs screw, brz lock-. washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	3
-106	6350	. . CAPACITOR, Fixed, electrolytic, 5 μf, 300 vdcw (ATTACHING PARTS)	2
-107	510-0009	. . SCREW, Assembled washer, bind. h, brs screw, brz lock-. washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	4
		- - - * - - -	
-108	5258	. . PLATE, Mounting (ATTACHING PARTS)	1
-109	103-0020	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 5/16 in. lg	2
-110	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703)	2
		- - - * - - -	
-111	9542	. . TERMINAL	2
-112	5546	. . REACTOR, 0.098 mh ±5 per cent (ATTACHING PARTS)	1
-113	503-0012	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-114	3065	. . RESISTOR, Fixed, ww, 5000 ohms ±5 per cent, 10w	1

[1] Nonprocurable part.
[6] One used in Serial No. 117, 115 and below of 28-volt models.





DETAIL A



DETAIL B
(REAR VIEW)

TP1887

Figure 6. I-f and Audio Frame Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
6-115	104-0016	. . SCREW, Machine, bind. h, brs, ni pl, 4-40 thd by 1/4 in. lg	1
-116	5402	. . WASHER, Flat, 0.116 ID by 0.437 OD by 0.010 in. thk. . .	1
		- - - * - - -	
-117	4681	. . MOUNT, Resilient	4
	21773	. . REAR PLATE AND INTERCONNECTING BOX SUBASSEM-. BLY	1
	22133	. . . PLATE ASSEMBLY, Rear	1
		(ATTACHING PARTS)	
-118	236-0009	. . . RIVET, Tubular, brs, ni pl, 0.098 dia by 9/64 in. lg . . (TJL)(S581)	6
		- - - * - - -	
-119	22019	. . . . BLOCK, Mounting	1
		(ATTACHING PARTS)	
-120	503-0016	. . . . SCREW, Assembled washer, bind. h, brs screw, sst. lockwasher, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	2
		- - - * - - -	
-121	15453	. . . . TERMINAL	2
		(ATTACHING PARTS)	
-122	504-0010	. . . . SCREW, Assembled washer, bind. h, brs screw, sst. lockwasher, ni pl, 4-40 thd by 5/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-123[1]	—	. . . . PLATE SUBASSEMBLY, Rear	1
	22223	. . . INTERCONNECTING BOX ASSEMBLY	1
-124	4718	. . . . CONNECTOR, Receptacle, electrical	1
-125	5488	. . . . CONNECTOR, Receptacle, electrical	1
-126	14378	. . . . TERMINAL	1
		(ATTACHING PARTS)	
-127	510-0013	. . . . SCREW, Assembled washer, bind. h, brs screw, brz lockwasher, ni pl, 3-48 thd by 13/64 in. lg (SH)(SEMS)	1
-128	4103	. . . . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 . in. thk (SH)(1703)	1
		- - - * - - -	
-129[1]	—	. . . . INTERCONNECTING BOX SUBASSEMBLY.	1

[1] Nonprocurable part.

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Gearing Subassy	2-44	1
Interconnecting Box Subassy	6-129	1
Lever Subassy	4-23	2
	4-33	
Locknut	2-20	2
	3-2	
Nut	2-21	12
	3-3	
	5-3	
	5-64	
	6-66	
	6-88	
	6-93	
Panel Subassy	4-53	1
Plate Subassy	3-32	11
	3-117	
	3-123	
	5-5	
	5-20	
	5-42	
	5-62	
	6-70	
	6-83	
	6-94	
	6-123	
Terminal	6-91	1
Washer	2-22	7
	3-4	
	5-4	
	6-67	
	6-89	
	6-90	
	6-96	
BS48179	2-4	Ref
BU20251MV5V	3-90	Ref
BU25272NZ5Z	3-21	Ref
CB1011	5-18	Ref
CB1031	6-50	Ref
CB1041	3-11	Ref
	3-57	
	5-17	
	6-14	
	6-52	
	6-84	
CB1051	6-46	Ref
CB1511	6-11	Ref
CB1521	5-58	Ref
CB1531	6-58	Ref
CB1811	6-15	Ref
CB2211	5-52	Ref
	6-17	
CB2221	3-55	Ref
	5-40	
	6-13	
CB2231	6-60	Ref
CB2241	3-54	Ref
	5-39	
	6-32	
	6-48	

Part No.	Figure & Index No.	Total Quantity
CB3311	3-13	Ref
	6-61	
CB3321	5-57	Ref
	6-74	
CB3331	3-12	Ref
	5-53	
	6-59	
CB3341	6-19	Ref
	6-54	
CB4721	6-12	Ref
CB4731	6-86	Ref
CB4741	5-19	Ref
	5-38	
	6-51	
CB6811	3-10	Ref
CB6821	6-47	Ref
CB6831	3-92	Ref
	6-43	
CB8231	3-51	Ref
CC20HG100C	5-7	Ref
CC20HH070C	5-43	Ref
CC30HG300G	3-16	Ref
CF123XD102Z3K	5-16	Ref
	5-37	
	5-59	
DC8C11	2-41	Ref
DC8C51	2-41	Ref
EB3935	3-24	Ref
	6-16	
GA0.39	5-24	Ref
GA0.82	3-52	Ref
GB4715	6-45	Ref
GB5635	6-98	Ref
GLU1042SD3028L	2-19	Ref
GLU5022SD3028L	3-1	Ref
HD6226	4-3	Ref
	6-18	
	6-41	
L1883	6-75	Ref
M4721	2-21	Ref
	3-3	
M4748	2-22	Ref
	3-4	
M4761	2-20	Ref
	3-2	
PB5B50A2	6-44	Ref
RS2-3R0H	6-100	Ref
SSRS77NR3HGZD1228E	3-29	Ref
	3-107	
	5-77	
SSRS77NR4HGZD1228E	4-50	Ref
S581	6-118	Ref
TU20-150J	5-6	Ref
	5-25	
TU30-101G-U2J	5-23	Ref
TWA3S1-10	3-56	Ref
	6-53	
TWA3S1GS10	3-58	Ref
	6-1	

Part No.	Figure & Index No.	Total Quantity
TWA3S1GS10 (cont)	6-39	
UG625/U	5-2	Ref
VTCM15-101G	6-85	Ref
VTCM15-511G	5-26	Ref
VTDM15-101J	5-44	Ref
	6-57	
VTDM15-241J	3-22	Ref
VTDM15-510J	3-20	Ref
	5-55	
VTDM15-710F	3-50	Ref
VTDM15-910F	3-53	Ref
VTDM19-102J	6-55	Ref
VTDM19-241J	6-56	Ref
VTDM19-511J	5-41	Ref
	6-49	
1N1371	6-95	Ref
1N1375	6-87	Ref
10100-622	5-15	Ref
10100-628	3-91	Ref
10100-636	5-27	Ref
10102-620	5-56	Ref
10102-634	3-23	Ref
10102-636	4-48	Ref
	5-21	
102-0014	6-28	2
	6-35	
102-0015	5-73	2
103-0010	5-33	1
103-0012	5-61	2
103-0016	3-48	7
	3-73	
	4-19	
	4-29	
	6-8	
	6-77	
103-0020	6-109	2
103-0032	3-114	4
10353	6-9	2
104-0014	5-10	3
	5-48	
104-0016	6-115	1
104-0108	2-34	2
110D45	6-22	Ref
110D47	6-99	Ref
11905	2-16	1
11934	2-6	1
12357	2-23	1
12681	2-7	2
12682	2-7	2
13046	6-30	3
13473	3-116	4
14115	2-13	1
14143	5-63	6
14164	3-37	AR
143-0016	3-26	6
	3-34	
	6-64	
14363	2-38	2
14378	6-126	1
14588	2-5	1
14785	3-125	2
14811	3-104	1

Part No.	Figure & Index No.	Total Quantity
150D104X0035A2	6-42	Ref
150D105X0035A2	3-14	Ref
150D225X0035B2	6-10	Ref
15181	4-36	2
15185	5-2	1
15453	3-121	5
	5-80	
	6-121	
16088	4-37	6
	4-42	
16171	3-44	1
162-0012	5-67	4
	5-69	
163-0016	3-102	1
164-0016	3-94	1
1702	2-40	Ref
	6-29	
	6-36	
1703	3-60	Ref
	3-106	
	6-3	
	6-78	
	6-110	
	6-128	
1704	2-15	Ref
	5-11	
17326	4-14	2
	4-24	
17742	4-9	4
	4-17	
	4-27	
17765	4-10	4
17768	4-15	AR
	4-25	
	5-76	
18327	3-98	AR
186P10402T15	6-65	Ref
18709	6-68	2
	6-81	
18800	2-41	1
18801	2-41	1
1903	3-49	Ref
	3-74	
1906	2-28	Ref
1920-02	3-68	Ref
19323	6-92	1
19339	2-31	2
19374	4-45	4
19419	3-118	4
19442	4-34	4
19443	4-43	2
19446	4-38	1
19447	4-39	1
19467	3-127	3
19478	4-41	2
19542	2-43	1
19543	2-36	1
19546	2-39	2
19551	4-18	2
	4-28	
19566	4-11	2
19568	4-7	2

Part No.	Figure & Index No.	Total Quantity
19568 (cont)	4-26	
19569	4-12	1
19570	4-22	2
	4-32	
19571	4-8	2
	4-16	
19572	4-35	2
19573	4-40	2
19574	4-21	2
	4-31	
196P22302S4	6-73	Ref
19603	5-60	1
19645	3-128	3
19647	3-78	1
19650	3-82	2
19657-*	3-84	10
19658-*	3-85	19
19661	(4-)	1
19664	4-4	2
19665	4-4	2
19668	(4-)	1
19674	(4-)	1
19681	3-42	1
19686	3-41	1
19687	3-45	1
19698	3-65	2
19715	3-66	2
19724	3-63	1
19732	3-61	1
19869	3-62	1
19871	3-64	2
19886	5-82	5
19892	3-88	2
19897	5-32	1
19929	5-9	3
	5-30	
	5-47	
19940	(3-)	1
19946	3-27	2
200-*	6-20	2
200-0101	5-18	1
200-0103	6-50	2
200-0104	3-11	9
	3-57	
	5-17	
	6-14	
	6-52	
	6-84	
200-0105	6-46	3
200-0151	6-11	2
200-0152	5-58	1
200-0153	6-58	1
200-0181	6-15	1
200-0221	5-52	3
	6-17	
200-0222	3-55	5
	5-40	
	6-13	
200-0223	6-60	1
200-0224	3-54	5
	5-39	

Part No.	Figure & Index No.	Total Quantity
200-0224 (cont)	6-32	
	6-48	
200-0331	3-13	2
	6-61	
200-0332	5-57	2
	6-74	
200-0333	3-12	3
	5-53	
	6-59	
200-0334	6-19	4
	6-54	
200-0472	6-12	2
200-0473	6-86	1
200-0474	5-19	5
	5-38	
	6-51	
200-0681	3-10	1
200-0682	6-47	2
200-0683	3-92	4
	6-43	
200-0823	3-51	2
201-0393	3-24	2
	6-16	
202-0471	6-45	1
202-0563	6-98	1
204-0100	5-54	1
204-0330	5-22	1
20620	3-29	4
	3-107	
	5-77	
20621	3-31	4
	3-109	
	3-112	
20622	4-52	2
20623	4-51	2
20624	4-50	2
20625	3-30	5
	3-108	
	3-111	
	5-78	
20679	6-75	1
20733	4-1	2
209-9301	6-100	1
21303	3-113	2
21319	5-65	5
21440-0014	2-	1
21440-0028	2-	1
21478	3-38	AR
21482	3-132	1
21485-9101	3-14	2
21485-9102	6-42	2
21485-9221	6-10	2
21504	4-13	2
21773	(6-)	1
21779	(2-)	1
21781	2-3	1
21782	3-33	1
21795	3-71	1
21799	2-26	1
21806	5-84	1
21807	6-5	1
21813	3-81	1

Part No.	Figure & Index No.	Total Quantity
21824	(3-)	1
21826	(6-)	1
21848	(6-)	1
22019	6-119	1
22094	(5-)	1
22096	2-4	2
22097	3-9	1
22099	3-69	1
22100	(3-)	1
22102	(6-)	1
22105	4-44	2
22106	(5-)	1
22112	5-8	1
22113	5-28	1
22114	5-29	1
22115	5-45	1
22116	5-46	1
22118	(3-)	1
22124	3-5	3
	6-26	
22126	6-33	1
22133	(6-)	1
22158	3-80	1
22172	3-86	1
22202-0014	2-33	1
22202-0028	2-33	1
22203-0014	3-76	1
	4-	
22203-0028	3-76	1
	4-	
22223	(6-)	1
22226	(5-)	1
22244	(6-)	1
22245	6-21	1
22267	3-133	1
	5-	
22275-0014	2-45	1
	3-	
22275-0028	2-45	1
	3-	
22283	6-62	1
22285	(6-)	1
22297	2-51	1
	6-	
22298-0101	6-87	1
22298-0680	6-95	1
22301	(2-)	1
22307	2-9	1
22308	3-96	4
22312	(6-)	1
22438	3-110	1
22440	2-54	1
22611	(5-)	1
22741	2-9	1
22797	3-39	1
22798	(3-)	1
22813	2-30	1
22815	2-32	1
22817	3-46	1
23037	4-3	6
	6-18	
	6-41	

Part No.	Figure & Index No.	Total Quantity
23231	2-2	2
236-0009	6-118	6
23684	5-79	1
23685	3-124	1
23688	5-72	2
23693	5-71	2
23695	5-66	1
23696	5-68	1
23699	3-130	1
23723	5-70	1
23746	4-49	1
23832	2-25	1
23867	5-75	1
23868	5-74	1
23946	(4-)	1
24-102W	4-47	Ref
24017	3-99	1
24045	3-15	1
24104	2-18	1
24448	2-50	1
24685	3-50	1
2522-6-1	3-126	Ref
304-0008	3-119	7
	3-129	
306-0008	3-131	2
306-0012	3-43	2
3065	6-114	1
3101	6-92	Ref
314-0016	4-6	8
336-0008	3-87	1
357	5-63	Ref
3873	3-70	2
	3-75	
40-103W	2-11	Ref
	6-101	
4023	3-126	3
4041	2-28	2
4042	2-29	2
4052	2-40	4
	6-29	
	6-36	
4058	3-89	22
4103	3-60	19
	3-106	
	6-3	
	6-78	
	6-110	
	6-128	
4558	3-49	2
	3-74	
4561	3-59	23
	3-105	
	3-115	
	6-2	
	6-40	
4623	3-36	AR
4681	6-117	4
4697	3-67	2
4710	2-27	2
4718	6-124	1
502-0010	3-28	4
502-0012	2-37	8

Part No.	Figure & Index No.	Total Quantity
502-0012 (cont)	3-97	
502-0014	3-6	2
502-0016	6-27	4
	6-34	
503-0010	2-42	10
	4-2	
	5-83	
503-0012	3-83	11
	5-34	
	6-113	
503-0016	3-25	25
	3-47	
	3-72	
	3-103	
	5-13	
	5-35	
	6-6	
	6-38	
	6-63	
	6-76	
	6-120	
503-0019	3-100	1
503-0020	4-5	7
	4-46	
504-0010	6-122	2
504-0012	3-122	3
	5-81	
504-0014	5-31	3
	5-49	
504-0016	2-12	12
	6-7	
	6-80	
504-0018	3-101	9
	5-1	
	5-50	
	6-69	
	6-82	
504-0129	3-77	4
510-0009	6-107	4
510-0010	6-103	6
	6-105	
510-0013	6-127	1
5100-18C	4-9	Ref
	4-17	
	4-27	
5100-25W	3-44	Ref
5101-56W	3-30	Ref
	3-108	
	3-111	
	5-78	
5101-62W	4-51	Ref
511-0010	2-1	8
	2-53	
513-0020	2-49	1
5131	2-17	1
5133-12C-MF	4-14	Ref
	4-24	
514-0012	2-48	2
514-0016	2-47	4
516-0016	2-46	4
	2-52	
5216	3-93	2

Part No.	Figure & Index No.	Total Quantity
5216 (cont)	5-12	
5258	6-108	1
5310	2-24	1
5402	6-116	1
5413	6-102	1
5488	6-125	1
5545	3-7	5
	6-31	
	6-37	
5546	6-112	1
5634	6-104	1
5718	3-19	Ref
	5-14	
5727	4-20	2
	4-30	
5840	6-24	Ref
5896	6-97	Ref
5899	3-8	Ref
	5-36	
	6-23	
5902	6-71	Ref
5914	6-79	1
6009	2-14	1
6021	5-51	Ref
	6-72	
6112	6-25	Ref
6350	6-106	2
6376	3-120	AR
700-0122	3-19	3
	5-14	
700-0129	6-24	1
700-0131	6-97	1
700-0132	3-8	5
	5-36	
	6-23	
700-0133	6-71	1
700-0136	5-51	2
	6-72	
700-0139	6-25	1
7117	3-35	AR
7475	6-4	1
7730	2-35	3
	3-79	
79-012-062-0312	3-40	Ref
8081	2-8	6
	2-10	
8278	3-18	1
8363	5-6	2
	5-25	
8497	2-15	2
	5-11	
8535	3-90	1
8540	3-68	2
8541	5-23	1
8543	3-95	1
8554	3-21	1
8625-9104	4-47	1
8627-9103	2-11	23
	6-101	
8706-0101	6-85	1
8706-0511	5-26	1
8765-0100	5-7	1

Part No.	Figure & Index No.	Total Quantity
8765-9701	5-43	1
8766-0300	3-16	1
8769-*	3-17	1
8775-0020	3-40	1
8777	6-99	2
8832	5-16	6
	5-37	
	5-59	
8835	3-56	4
	6-53	
8837	3-58	18
	6-1	
	6-39	
8848	3-53	1
8851	6-22	1
8870-0101	5-44	4
	6-57	
8870-0241	3-22	1
8870-0510	3-20	3
	5-55	
8877-0120	3-23	1
8877-0150	4-48	2
	5-21	
8877-9222	5-15	1
8877-9271	5-27	1
8877-9331	5-56	1
8877-9682	3-91	1
8879-9392	5-24	1
8879-9822	3-52	1
8881-0007	6-44	1
8890-9223	6-73	1
8900-9102	6-65	1
8908	6-55	1
8908-0241	6-56	1
8908-0511	5-41	2
	6-49	
8915-0104	2-19	1
8915-0502	3-1	1
9522	3-98	Ref
9542	6-111	2
997CX100K	5-54	Ref
997CX330K	5-22	Ref

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
A1	2-45	22275-0014
	3-	or
		22275-0028
A1C1	5-9	19929
A1C2	5-6	8363
A1C3	5-7	8765-0100
A1C4	5-30	19929
A1C5	5-32	19897
A1C6	5-23	8541
A1C7	5-24	8879-9392
A1C8	5-25	8363
A1C9	5-41	8908-0511
A1C10	5-37	8832
A1C11	5-63	14143
A1C12	5-63	14143
A1C13	5-63	14143
A1C14	3-17	8769-*
A1C15	3-27	19946
A1C16	3-50	24685
A1C17	3-58	8837
A1C18	3-52	8879-9822
A1C19	3-53	8848
A1C20	3-18	8278
A1C21	3-27	19946
A1C22	3-21	8854
A1C23	3-56	8835
A1C24	3-56	8835
A1C25	3-56	8835
A1C26	3-58	8837
A1C27	3-58	8837
A1C28	5-47	19929
A1C29	5-60	19603
A1C30	5-55	8870-0510
A1C31	5-59	8832
A1C32	5-55	8870-0510
A1C33	3-90	8535
A1C34	5-59	8832
A1C35	5-44	8870-0101
A1C36	5-43	8765-9701
A1C37	3-20	8870-0510
A1C38	3-22	8870-0241
A1C39	5-16	8832
A1C40	5-63	14143
A1C41	3-14	21485-9101
A1C42	5-63	14143
A1C43	5-16	8832
A1C44	5-63	14143
A1C45	3-14	21485-9101
A1C46	5-37	8832
A1C47	5-26	8706-0511
A1C48	2-11	8627-9103
A1C49	2-11	8627-9103
A1C50	2-11	8627-9103
A1C51	2-11	8627-9103
A1C52	2-11	8627-9103
A1C53	2-11	8627-9103
A1C54	2-11	8627-9103
A1C55	2-11	8627-9103
A1C56	2-11	8627-9103

Reference Designation	Figure & Index No.	Part No.
A1C57	2-11	8627-9103
A1C58	2-11	8627-9103
A1C59	2-11	8627-9103
A1C60	2-11	8627-9103
A1C61	2-11	8627-9103
A1C62	2-11	8627-9103
A1C63	2-11	8627-9103
A1C64	2-11	8627-9103
A1C65	2-11	8627-9103
A1C66	2-11	8627-9103
A1C67	3-16	8766-0300
A1J1	5-2	15185
A1J2	2-23	12357
A1J3	2-16	11905
A1L1	5-8	22112
A1L2	5-15	8877-9222
A1L3	5-28	22113
A1L4	5-29	22114
A1L5	3-66	19715
A1L6	3-66	19715
A1L7	5-46	22116
A1L8	5-56	8877-9331
A1L9	3-91	8877-9682
A1L10	5-45	22115
A1L11	5-21	8877-0150
A1L12	5-27	8877-9271
A1L13	3-23	8877-0120
A1P1	2-30	22813
A1P2	2-31	19339
A1P3	2-32	22815
A1P4	2-31	19339
A1P5	(3-9)	p/o 22097
A1P6	2-6	11934
A1R1	5-17	200-0104
A1R2	5-18	200-0101
A1R3	5-22	204-0330
A1R4	5-19	200-0474
A1R5	5-19	200-0474
A1R6	5-38	200-0474
A1R7	5-40	200-0222
A1R8	5-39	200-0224
A1R9	3-51	200-0823
A1R10	3-55	200-0222
A1R11	3-51	200-0823
A1R12	3-10	200-0681
A1R13	3-54	200-0224
A1R14	3-55	200-0222
A1R15	3-57	200-0104
A1R16	3-13	200-0331
A1R17	3-1	8915-0502
A1R18	3-11	200-0104
A1R19	3-12	200-0333
A1R20	2-19	8915-0104
A1R21	5-54	204-0100
A1R22	5-57	200-0332

Reference Designation	Figure & Index No.	Part No.
A1R23	5-58	200-0152
A1R24	5-53	200-0333
A1R25	5-52	200-0221
A1R26	5-52	200-0221
A1R27	3-11	200-0104
A1R28	3-24	201-0393
A1R30	3-92	200-0683
A1S1	(5-68)	p/o 23696
A1S2	(5-66)	p/o 23695
A1T1	3-5	22124
A1V1	5-14	700-0122
A1V2	5-14	700-0122
A1V3	5-36	700-0132
A1V4	3-8	700-0132
A1V5	3-8	700-0132
A1V6	5-51	700-0136
A1V7	3-19	700-0122
A1Y1	3-85	19658-4815
A1Y2	3-85	19658-4915
A1Y3	3-85	19658-5015
A1Y4	3-85	19658-5115
A1Y5	3-85	19658-5215
A1Y6	3-85	19658-5315
A1Y7	3-85	19658-5415
A1Y8	3-85	19658-5515
A1Y9	3-85	19658-5615
A1Y10	3-85	19658-5715
A1Y11	3-85	19658-5665
A1Y12	3-85	19658-5565
A1Y13	3-85	19658-5465
A1Y14	3-85	19658-5365
A1Y15	3-85	19658-5265
A1Y16	3-85	19658-5165
A1Y17	3-85	19658-5065
A1Y18	3-85	19658-4965
A1Y19	3-85	19658-4865
A1Y21	3-84	19657-1000
A1Y22	3-84	19657-1010
A1Y23	3-84	19657-1020
A1Y24	3-84	19657-1030
A1Y25	3-84	19657-1040
A1Y26	3-84	19657-1050
A1Y27	3-84	19657-1060
A1Y28	3-84	19657-1070
A1Y29	3-84	19657-1080
A1Y30	3-84	19657-1090
A2	2-50 6-	22297
A2C1	6-39	8837
A2C2	6-85	8706-0101
A2C3	6-1	8837
A2C4	6-1	8837
A2C5	6-1	8837
A2C6	6-1	8837
A2C7	6-1	8837
A2C8	6-1	8837

Reference Designation	Figure & Index No.	Part No.
A2C9	6-10	21485-9221
A2C10	6-1	8837
A2C11	6-1	8837
A2C12	6-1	8837
A2C13	6-1	8837
A2C14	6-1	8837
A2C15	6-10	21485-9221
A2C16	6-56	8908-0241
A2C17	6-57	8870-0101
A2C18	6-57	8870-0101
A2C19	6-65	8900-9102
A2C20	6-57	8870-0101
A2C21	6-39	8837
A2C22	6-49	8908-0511
A2C23	6-42	21485-9102
A2C24	6-39	8837
A2C25	6-55	8908-0102
A2C26	6-22	8851
A2C27	6-42	21485-9102
A2C28	6-39	8837
A2C29	6-44	8881-0007
A2C30	6-53	8835
A2C31	6-73	8890-9223
A2C33	6-106	6350
A2C34	6-99	8777
A2C35	6-102	5413
A2C36	6-106	6350
A2C37	6-99	8777
A2C38	6-101	8627-9103
A2C39	6-101	8627-9103
A2C40	6-101	8627-9103
A2C41	6-101	8627-9103
A2CR1	6-18	23037
A2CR2	6-18	23037
A2CR3	6-18	23037
A2CR4	6-95	22298-0680
A2CR5	6-41	23037
A2CR6	6-87	22298-0101
A2J1	(6-)	p/o 22102
A2J2	6-92	19323
A2J3	6-124	4718
A2J4	6-125	5488
A2L1	6-104	5634
A2L2	6-112	5546
A2R1	6-86	200-0473
A2R2	6-84	200-0104
A2R3	6-11	200-0151
A2R4	6-12	200-0472
A2R5	6-13	200-0222
A2R6	6-11	200-0151
A2R7	6-12	200-0472
A2R8	6-13	200-0222
A2R9	6-14	200-0104
A2R10	6-15	200-0181
A2R11	6-16	201-0393
A2R12	6-17	200-0221
A2R13	6-32	200-0224
A2R14	6-58	200-0153

Reference Designation	Figure & Index No.	Part No.
A2R15	6-19	200-0334
A2R16	6-52	200-0104
A2R17	6-59	200-0333
A2R18	6-61	200-0331
A2R19	6-60	200-0223
A2R20	6-50	200-0103
A2R21	6-50	200-0103
A2R22	6-52	200-0104
A2R23	6-48	200-0224
A2R24	6-48	200-0224
A2R25	6-51	200-0474
A2R26	6-43	200-0683
A2R27	6-46	200-0105
A2R28	6-54	200-0334
A2R29	6-54	200-0334
A2R30	6-43	200-0683
A2R31	6-46	200-0105
A2R32	6-46	200-0105
A2R33	6-43	200-0683
A2R34	6-47	200-0682
A2R35	6-47	200-0682
A2R36	6-52	200-0104
A2R37	6-98	202-0563
A2R38	6-54	200-0334
A2R39	6-51	200-0474
A2R40	6-45	202-0471
A2R41	6-114	3065
A2R42	6-100	209-9301
A2R43	6-74	200-0332
A2R44	6-20	200-*
A2R45	6-20	200-*
A2T1	6-26	22124
A2T2	6-26	22124
A2T3	6-33	22126
A2T4	6-75	20679

Reference Designation	Figure & Index No.	Part No.
A2V1	6-23	700-0132
A2V2	6-23	700-0132
A2V3	6-24	700-0129
A2V4	6-97	700-0131
A2V5	6-72	700-0136
A2V6	6-25	700-0139
A2V7	6-71	700-0133
A3	3-76 4-	22203-0014 or 22203-0028
A3B1	2-41	18800 18801
A3C1	4-47	8625-9104
A3CR1	4-3	23037
A3CR2	4-3	23037
A3J1	(4-)	p/o 23946
A3J2	4-44	22105
A3J3	(4-)	p/o 23946
A3J4	4-44	22105
A3K1	4-4	19664 19665
A3K2	4-4	19664 19665
A3L1	4-48	8877-0150
A3MP1	4-43	19443
A3MP2	4-43	19443
A3P1	2-39	19546

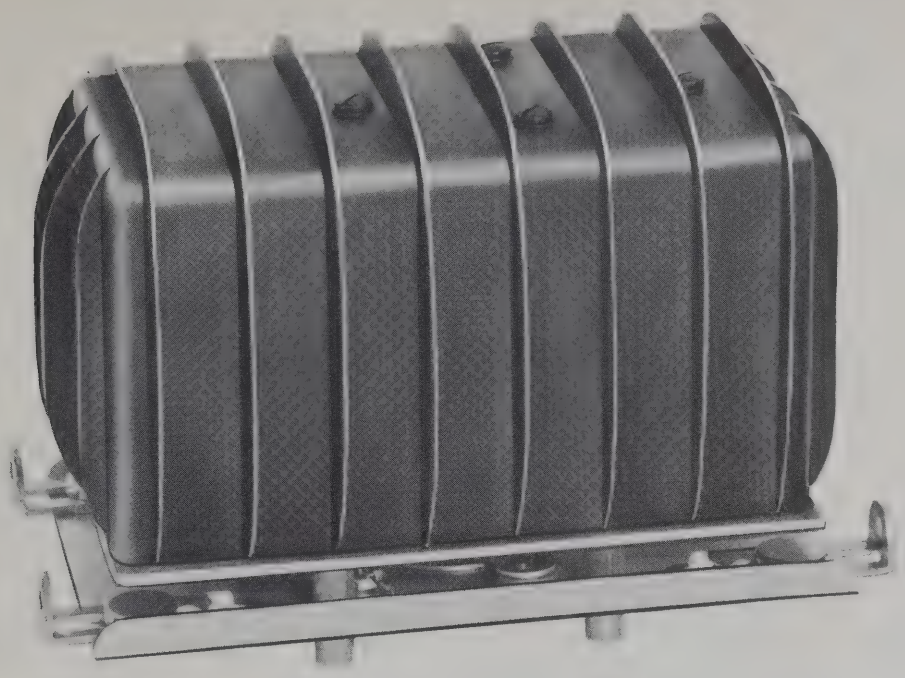


Figure 1. DV-10A and DV-11A Dynaverters TP1456

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	19840	DYNAVERTER ASSEMBLY, ARC Type DV-10A(28V)	1
2-	21100	DYNAVERTER ASSEMBLY, ARC Type DV-11A(14V)	1
-1	20453	. COVER	1
		(ATTACHING PARTS)	
-2	514-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . . washer, blk oxidized, 4-40 thd by 1/4 in. lg (SH) (SEMS)	1
-3	514-0020	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . . washer, blk oxidized, 4-40 thd by 5/16 in. lg (SH) (SEMS)	4
		- - - * - - -	
-4	19852	. BASE ASSEMBLY	1
		(ATTACHING PARTS)	
-5	504-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . . washer, ni pl, 4-40 thd by 1/4 in. lg (SH)(SEMS)	2
-6	5219	. PIN, Straight, threaded	2
		- - - * - - -	
-7	19919	. . PLATE, Identification (DV-10A)	1
-7	19918	. . PLATE, Identification (DV-11A)	1
		(ATTACHING PARTS)	
-8	234-0008	. . RIVET, Tubular, brs, ni pl, 0.062 dia by 1/8 in. lg (TJL) . (S722)	2
		- - - * - - -	
-9	5211	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PART)	
-10	5218	. . RING, Retaining	1
		- - - * - - -	

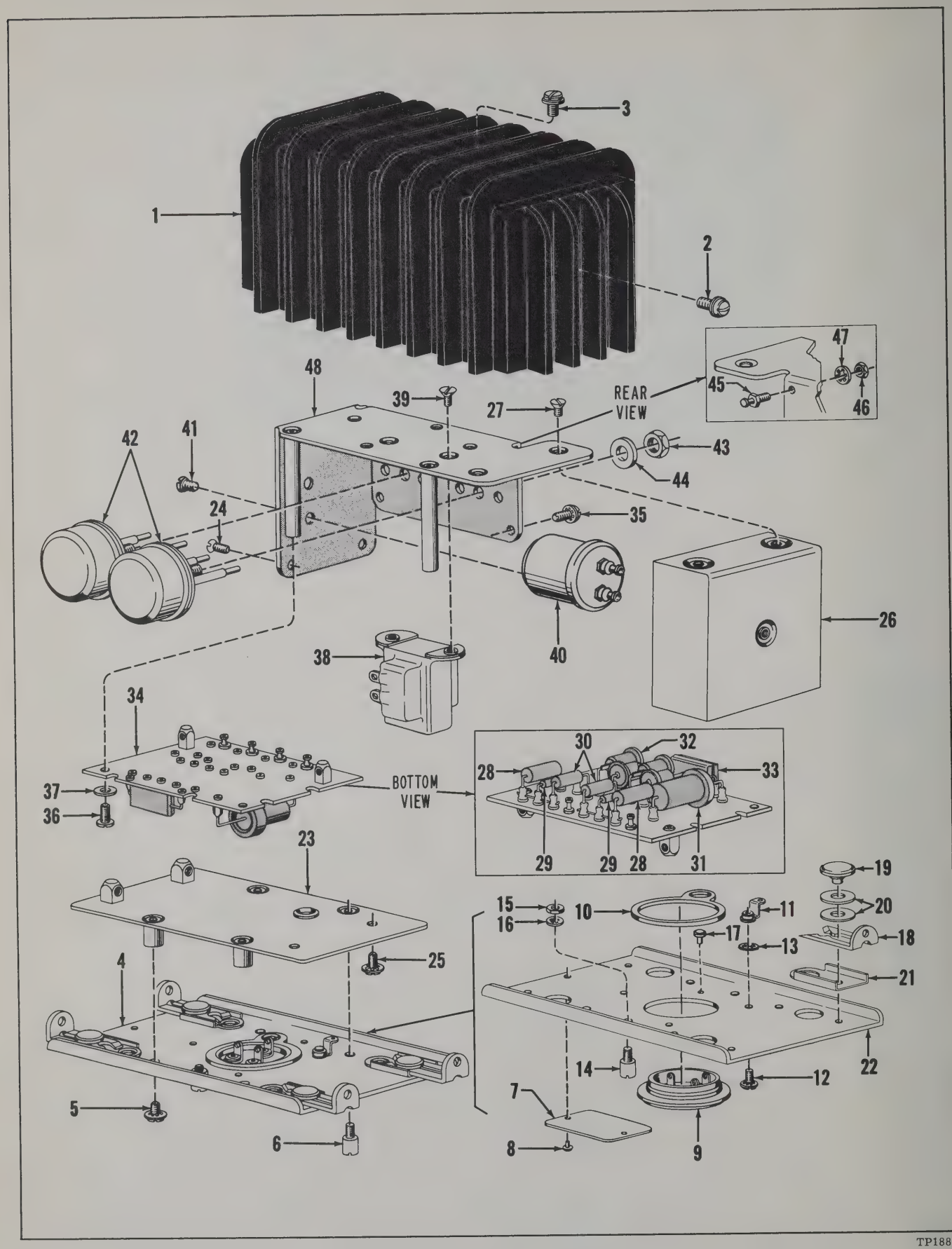


Figure 2. Dynaverter Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-11	12049	. . TERMINAL, Lug.	1
		(ATTACHING PARTS)	
-12	503-0014	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	1
-13	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. . thk (SH)(1703)	1
		- - - * - - -	
-14	5219	. . PIN, Straight, threaded	1
		(ATTACHING PARTS)	
-15	8040	. . NUT, Hexagon, brs, ni pl, 4-40 thd by 0.062 in. thk . . .	1
-16	8497	. . WASHER, Lock, sst, 0.119 ID by 0.260 OD by 0.029 in. . thk (1704)	1
		- - - * - - -	
-17	5210	. . PIN, Positioning.	1
-18	2540	. . SNAPSLIDE	4
		(ATTACHING PARTS)	
-19	2116	. . BUTTON, Snapslide	4
-20	5171	. . WASHER, Spring tension	8
		- - - * - - -	
-21	4750	. . GUIDE, Snapslide	4
-22	5209	. . BASE.	1
-23	19850	. PLATE, Mounting	1
		(ATTACHING PARTS)	
-24	143-0016	. SCREW, Machine, fh, brs, ni pl, 3-48 thd by 1/4 in. lg . . .	2
-25	504-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . . washer, ni pl, 4-40 thd by 1/4 in. lg (SH)(SEMS)	2
		- - - * - - -	
-26	20424	. TRANSFORMER, Power, toroidal (DV-10A).	1
-26	21155	. TRANSFORMER, Power, toroidal (DV-11A).	1
		(ATTACHING PARTS)	
-27	144-0016	. SCREW, Machine, fh, brs, ni pl, 4-40 thd by 1/4 in. lg . . .	2
		- - - * - - -	
-28	202-0272	. RESISTOR, Fixed, comp, 2700 ohms ±5 per cent, 1w (AB) . . (GB2725)(DV-10A)	2
-28	202-0511	. RESISTOR, Fixed, comp, 510 ohms ±5 per cent, 1w (AB). . . (GB5115)(DV-11A)	2
-29	201-0330	. RESISTOR, Fixed, comp, 33 ohms ±5 per cent, 1/2w (AB) . . (EB3305)(DV-10A)	2
-29	201-0150	. RESISTOR, Fixed, comp, 15 ohms ±5 per cent, 1/2w (AB) . . (EB1505)	2
-30	21485-9101	. CAPACITOR, Fixed, electrolytic, 1 μf ±20 per cent, 35 vdcw. (SPR)(150D105X0035A2)	2
-31	23943	. CAPACITOR, Fixed, electrolytic, 60 μf +75 -15 per cent, 50 . vdcw (FML)(F310)	1
-32	20474	. SEMICONDUCTOR DEVICE, Diode, type 1N1560.	4
-33	4157	. CAPACITOR, Fixed, mica, 1000 μμf ±10 per cent, 500 vdcw . (CLD)(5W5D1BK)	1
-34	19848	. TERMINAL BOARD.	1
		(ATTACHING PARTS)	
-35	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . . washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	2
-36	103-0016	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/4 in. lg .	2
-37	10353	. WASHER, Spring tension	2
		- - - * - - -	
-38	21429	. REACTOR, 1.2 mh (CMPB)(22254)(DV-10A).	1
		(ATTACHING PARTS)	
-39	143-0016	. SCREW, Machine, fh, brs, ni pl, 3-48 thd by 1/4 in. lg . . . (DV-10A)	2
		- - - * - - -	
-40	7582	. CAPACITOR, Fixed, electrolytic, 3 μf, 300 vdcw	1

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
2-41	143-0010	. SCREW, Machine, fh, brs, ni pl, 3-48 thd by 5/32 in. lg . . .	2
		- - - * - - -	
-42	20454	. TRANSISTOR (DV-10A)	2
-42	21153	. TRANSISTOR (DV-11A)	2
		(ATTACHING PARTS)	
-43	4180	. NUT, Hexagon, brs, ni pl, 10-32 thd by 0.094 in. thk	2
-44	4303	. WASHER, Flat, brs, ni pl, 0.200 ID by 0.437 OD by 0.038 in.. thk	2
		- - - * - - -	
-45	14811	. TERMINAL	1
		(ATTACHING PARTS)	
-46	4561	. NUT, Hexagon, brs, ni pl, 3-48 thd by 0.062 in. thk	1
-47	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk . thk (SH)(1703)	1
		- - - * - - -	
-48	19843	. FRAME	1

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
EB1505	2-29	Ref
EB3305	2-29	Ref
F310	2-31	Ref
GB2725	2-28	Ref
GB5115	2-28	Ref
L2254	2-38	Ref
S722	2-8	Ref
1N1560	2-32	Ref
103-0016	2-36	2
10353	2-37	2
12049	2-11	1
143-0010	2-41	2
143-0016	2-24	4
	2-39	
144-0016	2-27	2
14811	2-45	1
150D105X0035A2	2-30	Ref
1703	2-13	Ref
	2-47	
1704	2-16	Ref
19840	2-	1
19843	2-48	1
19848	2-34	1
19850	2-23	1
19852	2-4	1
19918	2-7	1
19919	2-7	1
201-0150	2-29	2
201-0330	2-29	2
202-0272	2-28	2
202-0511	2-28	2
20424	2-26	1
20453	2-1	1
20454	2-42	2

Part No.	Figure & Index No.	Total Quantity
20474	2-32	4
21100	2-	1
21153	2-42	2
21155	2-26	1
2116	2-19	4
21429	2-38	1
21485-9101	2-30	2
234-0008	2-8	2
23943	2-31	1
2540	2-18	4
4103	2-13	2
	2-47	
4157	2-33	1
4180	2-43	2
4303	2-44	2
4561	2-46	1
4750	2-21	4
5W5D1BK	2-33	Ref
503-0014	2-12	1
503-0016	2-35	2
504-0016	2-5	4
	2-25	
514-0016	2-2	1
514-0020	2-3	4
5171	2-20	8
5209	2-22	1
5210	2-17	1
5211	2-9	1
5218	2-10	1
5219	2-6	3
	2-14	
7582	2-40	1
8040	2-15	1
8497	2-16	1

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
C101	2-30	21485-9101
C102	2-30	21485-9101
C103	2-31	23943
C104	2-33	4157
C105	2-40	7582
CR101	2-32	20474
CR102	2-32	20474
CR103	2-32	20474
CR104	2-32	20474
J101	2-9	5211
L101	2-38	21429
Q101	2-42	20454

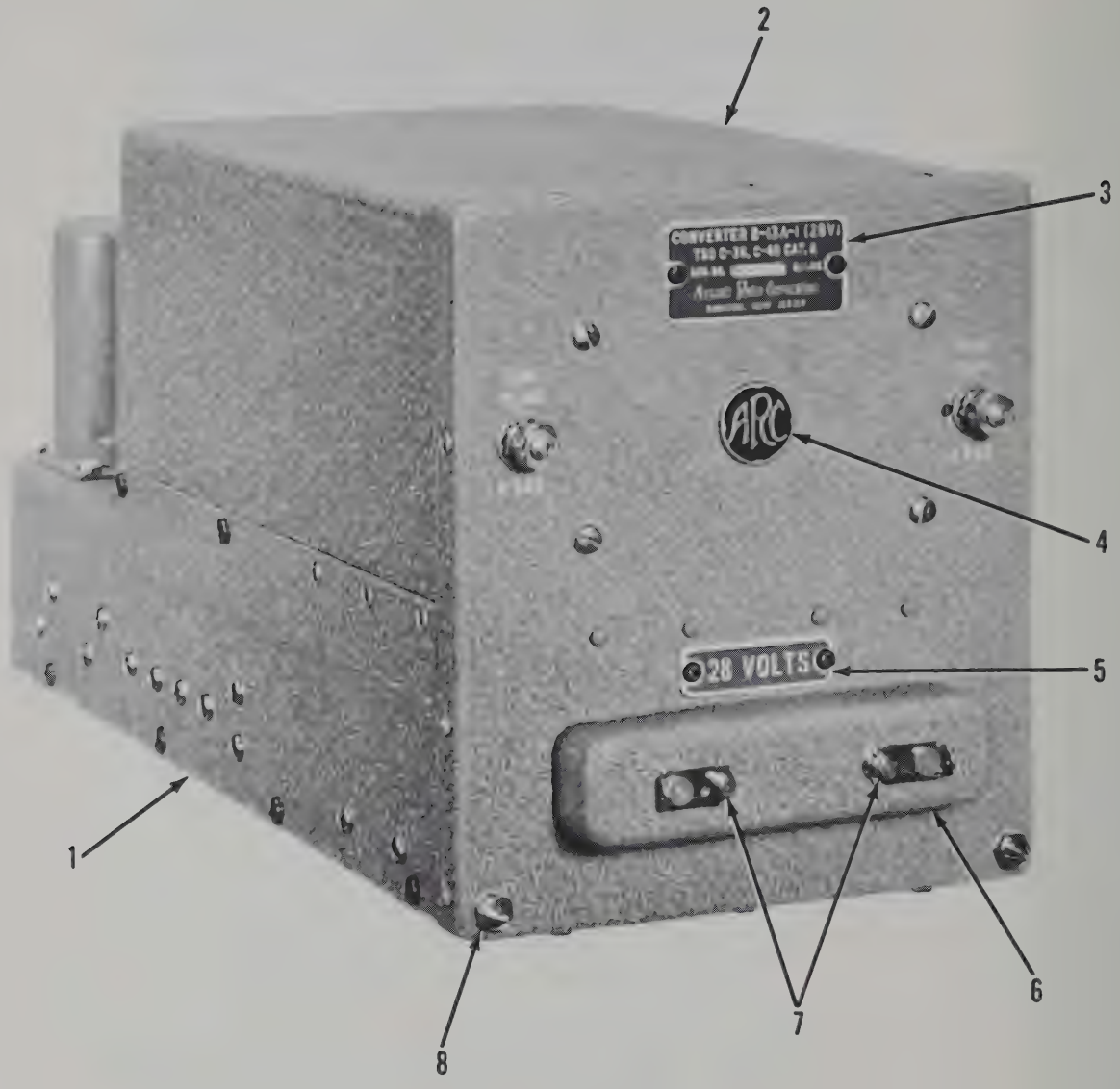
Reference Designation	Figure & Index No.	Part No.
Q101	2-42	21153
Q102	2-42	20454
Q102	2-42	21153
R101	2-28	202-0272
R101	2-28	202-0511
R102	2-28	202-0272
R102	2-28	202-0511
R103	2-29	201-0330
R103	2-29	201-0150
R104	2-29	201-0330
R104	2-29	201-0150
T101	2-26	20424
T101	2-26	21155

Figure 1. B-13A-1 Converter

TP1318

PARTS LIST

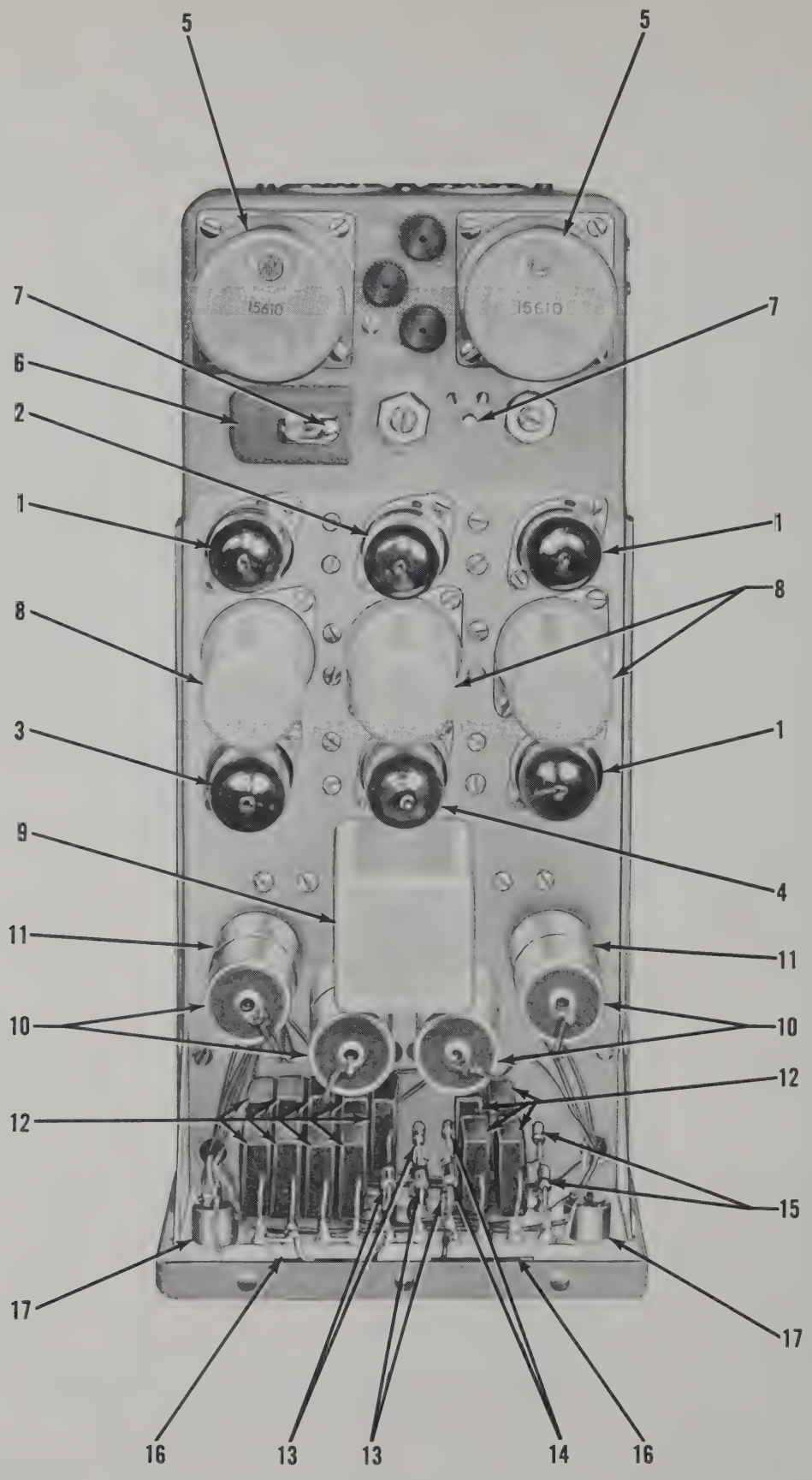
Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	22900-0014	CONVERTER ASSEMBLY, ARC Type B-13A-1(14V). . . . . (see Figures 3 and 4 for other views)	1
2-	22900-0028	CONVERTER ASSEMBLY, ARC Type B-13A-1(28V). . . . . (see Figures 3 and 4 for other views)	1
-1	23033	. COVER, Bottom	1
		(ATTACHING PARTS)	
	511-0012	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, blk oxidized, 3-48 thd by 3/16 in. lg (SH)(SEMS)	14
		- - - * - - -	
-2	23082	. SHIELD	1
		(ATTACHING PARTS)	
	511-0012	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, blk oxidized, 3-48 thd by 3/16 in. lg (SH)(SEMS)	4
		- - - * - - -	
-3	23035	. PLATE, Identification, 14V	1
-3	23036	. PLATE, Identification, 28V	1
		(ATTACHING PARTS)	
	8081	. SCREW, Tapping, thread-forming, rh, Phillips dr, stl, blk . Parkerized, No. 2 by 5/32 in. lg (PK)(Z)	2
		- - - * - - -	
-4	14115	. EMBLEM	1
		(ATTACHING PARTS)	
	8040	. NUT, Hexagon, brs, ni pl, 4-40 thd by 0.062 in. thk	1
	7730	. WASHER, Spring tension	1
		- - - * - - -	



TP1458

Figure 2. Converter Assembly, Front View

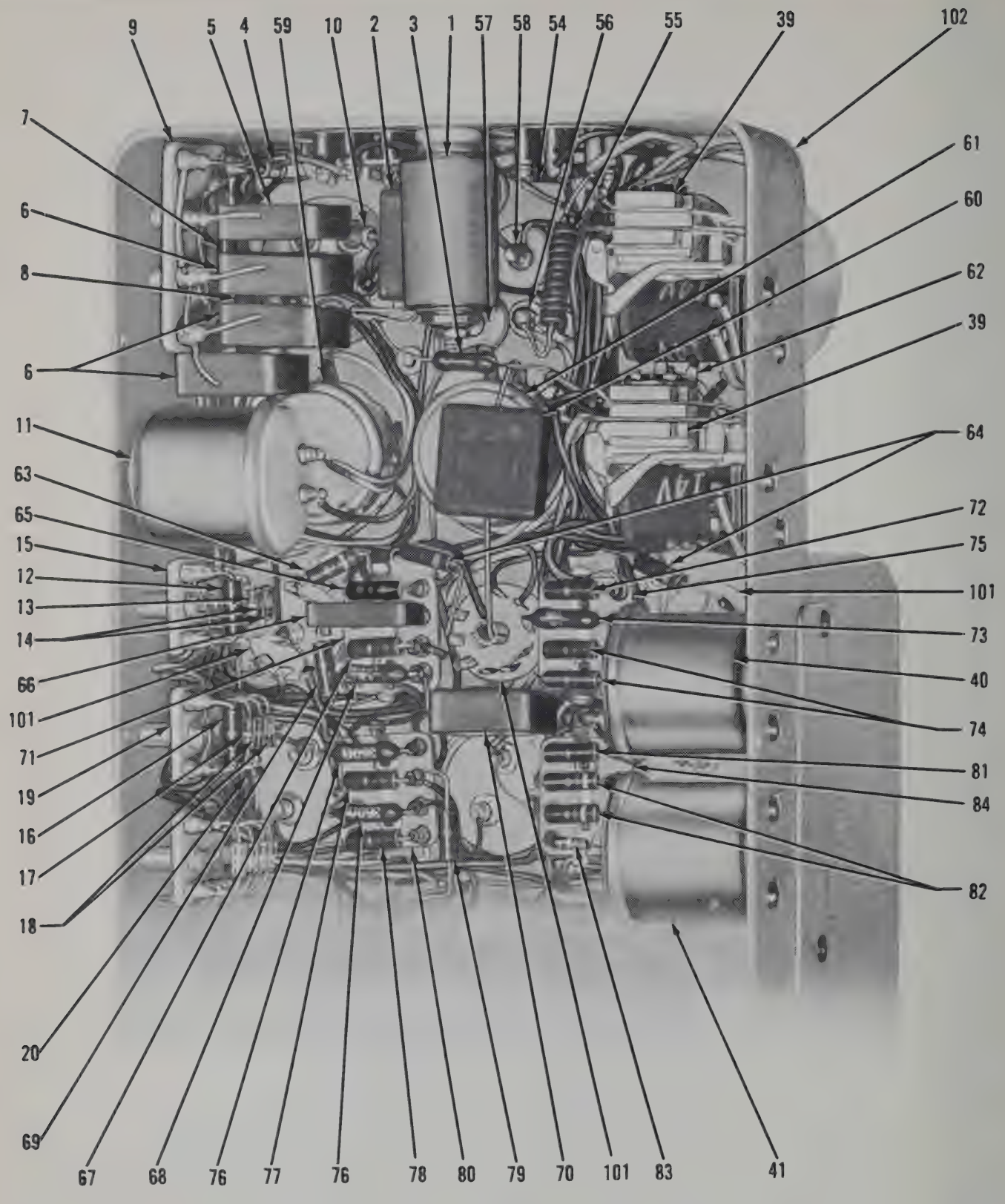
Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-5	12681	. PLATE, Identification, 14V	1
-5	12682	. PLATE, Identification, 28V	1
		(ATTACHING PARTS)	
	8081	. SCREW, Tapping, thread-forming, rh, Phillips dr, stl, blk . Parkerized, No. 2 by 5/32 in. lg (PK)(Z)	2
		- - - * - - -	
-6	16661	. COVER, Access	1
-7	16662	. STUD, Snapslide fastener	2
		(ATTACHING PARTS)	
	503-0014	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-8	4710	. STUD, Threaded, 6-32	2
		(ATTACHING PARTS)	
	4041	. NUT, Hexagon, brs, ni pl, 6-32 thd by 5/64 in. thk	2
	8488	. WASHER, Lock, sst, 0.145 ID by 0.280 OD by 0.030 in. thk . (SH)(1706)	2
		- - - * - - -	
3-	22900-0014	CONVERTER ASSEMBLY, ARC Type B-13A-1(14V). . . . . (see Figures 2 and 4 for other views)	Ref
3-	22900-0028	CONVERTER ASSEMBLY, ARC Type B-13A-1(28V). . . . . (see Figures 2 and 4 for other views)	Ref
-1	700-0120	. ELECTRON TUBE, Type 5670	3
-2	700-0125	. ELECTRON TUBE, Type 5751	1
-3	700-0128	. ELECTRON TUBE, Type 5814A	1
-4	700-0173	. ELECTRON TUBE, Type 12AT7WA.	1
-5	15610	. TRANSFORMER, Audio frequency (UNT)(G3658)	2
		(ATTACHING PARTS)	
	504-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 4-40 thd by 1/4 in. lg (SH)(SEMS)	8
		- - - * - - -	
-6	16661	. COVER, Access	1
-7	16662	. STUD, Snapslide fastener	2
		(ATTACHING PARTS)	
	503-0014	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-8	13928	. CAPACITOR, Fixed, electrolytic, 2 sect., 15 μf ea, 450 vdcw	3
		(ATTACHING PARTS)	
	503-0014	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	6
		- - - * - - -	
-9	15374	. TRANSFORMER, Discriminator	1
		(ATTACHING PARTS)	
	503-0014	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	4
		- - - * - - -	
-10	16143	. CAPACITOR, Fixed, electrolytic, 1000 μf, 10 vdcw (SPR) . . (type DES)	4
-11	15535	. RETAINER, Capacitor	2
		(ATTACHING PARTS)	
	506-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 6-32 thd by 1/4 in. lg (SH)(SEMS)	2
	8488	. WASHER, Lock, sst, 0.145 ID by 0.280 OD by 0.030 in. thk . (SH)(1706)	2
		- - - * - - -	
-12	8577	. CAPACITOR, Fixed, mica, 0.01 μf ±1 per cent, 500 vdcw . (EMM)(VTCM35-103F)	13



TP1460

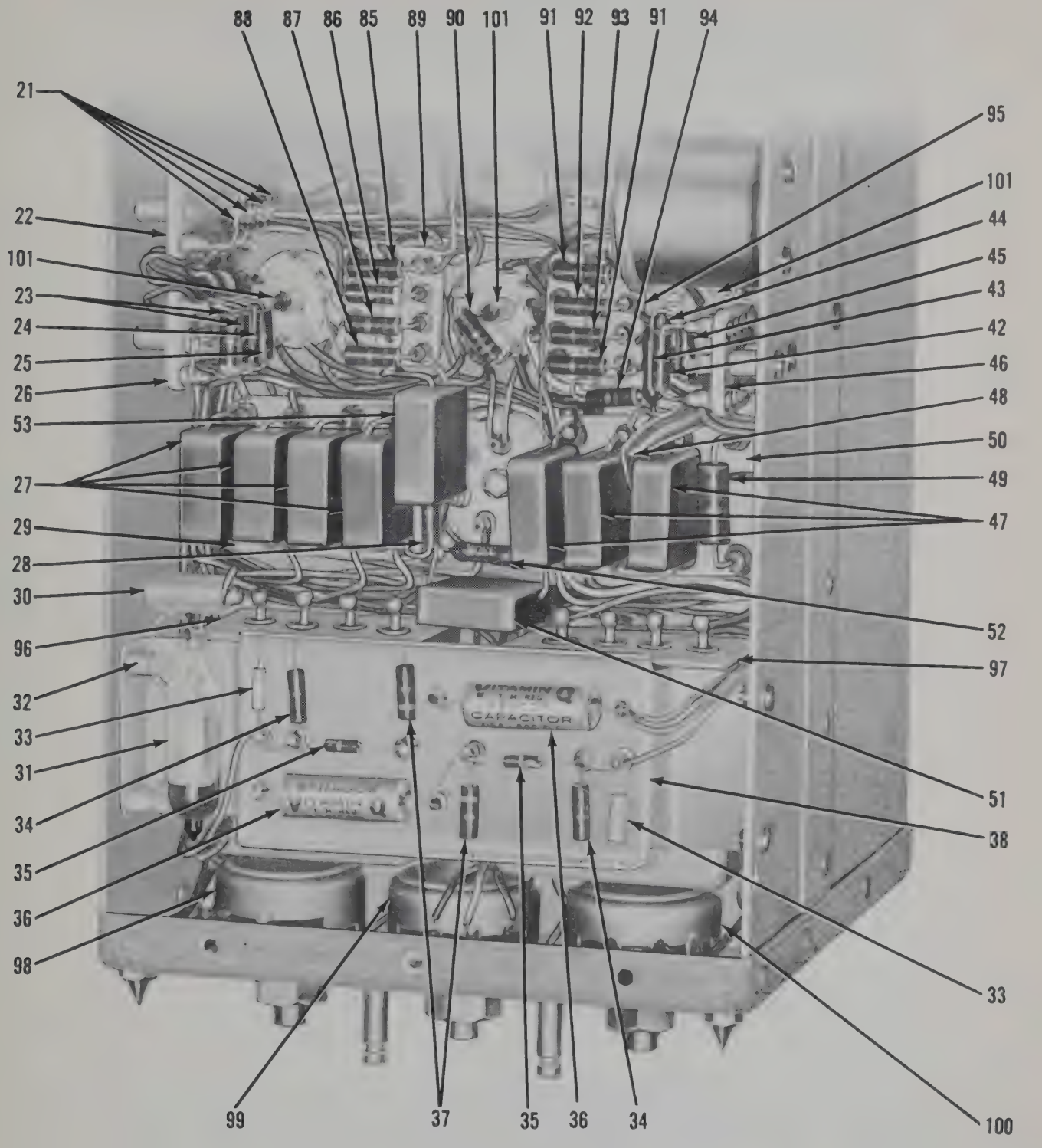
Figure 3. Converter Assembly, Top Interior View

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
3-13	205-0036	. RESISTOR, Fixed, film, 265,000 ohms ±1 per cent, 1/2w . . (TI)(CD1-2PR2653F)	4
-14	201-0104	. RESISTOR, Fixed, comp, 100,000 ohms ±5 per cent, 1/2w . (AB)(EB1045)	2
-15	205-0017	. RESISTOR, Fixed, film, 133,000 ohms ±1 per cent, 1/2w . . (TI)(CD1-2PR1333F)	2
-16	14079	. TERMINAL BOARD.	2
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	4
		- - - * - - -	
-17	8915-0252	. RESISTOR, Variable, comp, 2500 ohms ±20 per cent, 0.33w . (AB)(GLU2522SD3028L)	2
		(ATTACHING PARTS)	
	—	. LOCKNUT, Hexagon, 1/4-32 thd (AB)(M4761)(supplied with . 17, Figure 3)	2
	—	. NUT, Hexagon, 1/4-32 thd (AB)(M4721)(supplied with 17, Fig- ure 3)	2
	—	. WASHER, Lock,(AB)(M4748)(supplied with 17, Figure 3) . . .	2
		- - - * - - -	
4-	22900-0014	CONVERTER ASSEMBLY, ARC Type B-13A-1 (14V) . . . . . (see Figures 2 and 3 for other views)	Ref
4-	22900-0028	CONVERTER ASSEMBLY, ARC Type B-13A-1 (28V) . . . . . (see Figures 2 and 3 for other views)	Ref
-1	8578	. RESISTOR, Fixed, ww, 518,000 ohms ±1 per cent, 1w, MIL . RB13B51802F	1
		(ATTACHING PARTS)	
	106-0140	. SCREW, Machine, bind. h, brs, ni pl, 6-32 thd by 1-5/8 in. lg	1
	4041	. NUT, Hexagon, brs, ni pl, 6-32 thd by 0.078 in. thk	1
	9537	. WASHER, Spring tension	1
	3789	. WASHER, Nonmetallic, rubber.	3
	11146	. INSULATOR, Bushing.	1
		- - - * - - -	
-2	8577	. CAPACITOR, Fixed, mica, 0.01 μf ±1 per cent, 500 vdcw . . (EMM)(VTCM35-103F)	1
-3	205-0104	. RESISTOR, Fixed, film, 100,000 ohms ±1 per cent, 1/2w . . (TI)(CD1-2PR1003F)	1
-4	205-0514	. RESISTOR, Fixed, film, 510,000 ohms ±1 per cent, 1/2w (TI). (CD1-2PR5103F)	1
-5	8618-0242	. CAPACITOR, Fixed, mica, 2400 μμf ±2 per cent, 500 vdcw . (EMM)(VTCM35-242G)	1
-6	8577	. CAPACITOR, Fixed, mica, 0.01 μf ±1 per cent, 500 vdcw . . (EMM)(VTCM35-103F)	3
-7	201-0205	. RESISTOR, Fixed, comp, 2 megohms ±5 per cent, 1/2w (AB) . (EB2055)	1
-8	205-0105	. RESISTOR, Fixed, film, 1 megohm ±1 per cent, 1/2w (TI) . . (CD1-2PR1004F)	1
-9	13025	. TERMINAL BOARD.	1
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	2
		- - - * - - -	
-10	201-0113	. RESISTOR, Fixed, comp, 11,000 ohms ±5 per cent, 1/2w . . (AB)(EB1135)	1
-11	15763	. CAPACITOR, Fixed, paper, 0.25 μf ±5 per cent, 350 vdcw .	1



TP1462

Figure 4. Converter Assembly, Bottom Interior View (Sheet 1 of 2)



TP1464

Figure 4. Converter Assembly, Bottom Interior View (Sheet 2 of 2)

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	2
		- - - * - - -	
4-12	201-0202	. RESISTOR, Fixed, comp, 2000 ohms ±5 per cent, 1/2w (AB) (EB2025)	1
-13	16660	. SEMICONDUCTOR DEVICE, Diode, type 1N89	1
-14	16670	. SEMICONDUCTOR DEVICE SET, Matched pair, (c/o two type 1N118)	1
-15	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	2
		- - - * - - -	
-16	201-0202	. RESISTOR, Fixed, comp, 2000 ohms ±5 per cent, 1/2w (AB) (EB2025)	1
-17	16660	. SEMICONDUCTOR DEVICE, Diode, type 1N89	1
-18	16665	. SEMICONDUCTOR DEVICE, Diode, type 1N118	2
-19	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	2
		- - - * - - -	
-20	201-0182	. RESISTOR, Fixed, comp, 1800 ohms ±5 per cent, 1/2w (AB) (EB1825)	1
-21	16660	. SEMICONDUCTOR DEVICE, Diode, type 1N89	4
-22	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	2
		- - - * - - -	
-23	201-0622	. RESISTOR, Fixed, comp, 6200 ohms ±5 per cent, 1/2w (AB) (EB6225)	2
-24	201-0513	. RESISTOR, Fixed, comp, 51,000 ohms ±5 per cent, 1/2w (AB) (EB5135)	1
-25	201-0514	. RESISTOR, Fixed, comp, 510,000 ohms ±5 per cent, 1/2w (AB)(EB5145)	1
-26	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	2
		- - - * - - -	
-27	8577	. CAPACITOR, Fixed, mica, 0.01 μf ±1 per cent, 500 vdcw (EMM)(VTCM35-103F)	4
-28	201-0513	. RESISTOR, Fixed, comp, 51,000 ohms ±5 per cent, 1/2w (AB) (EB5135)	1
-29	13025	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-30	14556	. TERMINAL, Post	1
		(ATTACHING PARTS)	
	103-0014	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 7/32 in. lg.	1
	10353	. WASHER, Spring tension	1
	12924	. WASHER, Nonmetallic, rubber, 0.104 ID by 0.297 OD by 0.008 in. thk	1
		- - - * - - -	
-31	700-0218	. ELECTRON TUBE, Type 5783	1
-32	16641	. RETAINER, Electron tube	1

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
	510-0010	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
4-33	21485-9101	. CAPACITOR, Fixed, electrolytic, 1 μf ±20 per cent, 35 vdcw. (SPR)(150D105X0035A2)	2
-34	201-0105	. RESISTOR, Fixed, comp, 1 megohm ±5 per cent, 1/2w (AB) . (EB1055)	2
-35	23037	. SEMICONDUCTOR DEVICE, Diode (HUG)(HD6226)	2
-36	8911-9223	. CAPACITOR, Fixed, paper, 0.022 μf ±20 per cent, 400 vdcw . (SPR)(118P22304S4)	2
-37	201-0474	. RESISTOR, Fixed, comp, 470,000 ohms ±5 per cent, 1/2w . . (AB)(EB4745)	2
-38	23038	. BRACKET, Mounting	1
		(ATTACHING PARTS)	
	510-0014	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	2
	4561	. NUT, Hexagon, brs, ni pl, 3-48 thd by 0.062 in. thk	2
	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk . (SH)(1703)	2
		- - - * - - -	
-39	12712	. RELAY, Armature, 14V.	2
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	4
		- - - * - - -	
-40	15763	. CAPACITOR, Fixed, paper, 0.25 μf ±5 per cent, 350 vdcw .	1
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	2
		- - - * - - -	
-41	16653	. CAPACITOR, Fixed, paper, 1 μf, ±15 per cent, 75 vdcw . . .	1
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	2
		- - - * - - -	
-42	201-0152	. RESISTOR, Fixed, comp, 1500 ohms ±5 per cent, 1/2w (AB) . (EB1525)	1
-43	205-0105	. RESISTOR, Fixed, film, 1 megohm ±1 per cent, 1/2w (TI) . . (CD1-2PR1004F)	1
-44	205-0028	. RESISTOR, Fixed, film, 1.33 megohm ±1 per cent, 1/2w (TI). (CD1-2PR1334F)	1
-45	201-0202	. RESISTOR, Fixed, comp, 2000 ohms ±5 per cent, 1/2w (AB) . (EB2025)	1
-46	12855	. TERMINAL BOARD.	1
		(ATTACHING PARTS)	
	510-0009	. SCREW, Assembled washer, bind. h, brs screw, brz lock- . washer, ni pl, 3-48 thd by 9/64 in. lg (SH)(SEMS)	2
		- - - * - - -	
-47	8577	. CAPACITOR, Fixed, mica, 0.01 μf ±1 per cent, 500 vdcw . . (EMM)(VTCM35-103F)	3
-48	204-0105	. RESISTOR, Fixed, comp, 1 megohm ±10 per cent, 1/5w (GBR) (997A105K)	2
-49	202-0511	. RESISTOR, Fixed, comp, 510 ohms ±5 per cent, 1w (AB). . . (GB5115)(used on 28V models only)	1
-50	13025	. TERMINAL BOARD.	1
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	2
		- - - * - - -	

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
4-51	8577	. CAPACITOR, Fixed, mica, 0.01 μf ±1 per cent, 500 vdcw . . (EMM)(VTCM35-103F)	1
-52	205-0334	. RESISTOR, Fixed, film, 330,000 ohms ±1 per cent, 1/2w (TI). (CD1-2PR3303F)	1
-53	(1)	. CAPACITOR, Fixed, mica, selected value, 500 vdcw (EMM) . (type VTCM30 or VTCM35)	1
-54	201-0105	. RESISTOR, Fixed, comp, 1 megohm ±5 per cent, 1/2w (AB) . (EB1055)	1
-55	16643	. RESISTOR, Fixed, ww, 0.87 ohm ±10 per cent (used on 14V . models)	1
-55	16644	. RESISTOR, Fixed, ww, 4.1 ohms ±5 per cent (used on 28V . models)	1
-56	14556	. TERMINAL, Stud	1
		(ATTACHING PARTS)	
	103-0014	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 7/32 in. lg.	1
	10353	. WASHER, Spring tension	1
	12924	. WASHER, Nonmetallic, rubber, 0.104 ID by 0.297 OD by . . . 0.008 in. thk	1
		- - - * - - -	
-57	13152	. JACK, Tip, red	2
		(ATTACHING PARTS)	
	4697	. NUT, Round, serrated, brs, ni pl, 3/8-32 thd by 0.094 in. thk (supplied with 57, Figure 4)	2
	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 . in. thk (SH)(1920-02)(supplied with 57, Figure 4)	2
		- - - * - - -	
-58	12921	. . JACK, Tip, blk	1
		(ATTACHING PARTS)	
	4697	. NUT, Round, serrated, brs, ni pl, 3/8-32 thd by 0.094 in. thk (supplied with 58, Figure 4)	1
	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)(supplied with 58, Figure 4)	1
		- - - * - - -	
-59	8655	. RESISTOR, Variable, comp, 1 megohm ±10 per cent, 2w (AB). (JLU1051SD4040L)	1
		(ATTACHING PARTS)	
	—	. LOCKNUT, Hexagon, 3/8-32 thd (AB)(B13750)(supplied with . 59, Figure 4)	1
	4076	. NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk	1
	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-60	8618-0362	. CAPACITOR, Fixed, mica, 3600 μμf ±2 per cent, 500 vdcw . (EMM)(VTCM35-362G)	1
-61	8247	. RESISTOR, Variable, comp, 500,000 ohms ±20 per cent, 2w . (AB)(JLU5042SD4040L)	1
		(ATTACHING PARTS)	
	—	. LOCKNUT, Hexagon, 3/8-32 thd (AB)(B13750)(supplied with . 61, Figure 4)	1
	4076	. NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk	1
	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-62	8573	. RESISTOR, Variable, comp, 10,000 ohms ±10 per cent, 2w . (AB)(JLU1031SD4040L)	1

[1] Value between 0 and 2000 μμf determined during final adjustment. Value up to 1000 μμf selected from ARC-8617-*, and above 1000 μμf from ARC-8618-*. To complete part number, insert value in place of asterisk.

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
	—	. LOCKNUT, Hexagon, 3/8-32 thd (AB)(B13750)(supplied with 62, Figure 4) .	1
	4076	. NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk	1
	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
4-63	201-0162	. RESISTOR, Fixed, comp, 1600 ohms ±5 per cent, 1/2w (AB) . (EB1625)	1
-64	201-0182	. RESISTOR, Fixed, comp, 1800 ohms ±5 per cent, 1/2w (AB) . (EB1825)	2
-65[2]	201-*	. RESISTOR, Fixed, comp, selected value, 1/2w (AB)(type EB) .	1
-66	8617-0201	. CAPACITOR, Fixed, mica, 200 μμf ±2 per cent, 500 vdcw . . (EMM)(VTCM20-201G)	1
-67	201-0513	. RESISTOR, Fixed, comp, 51,000 ohms ±5 per cent, 1/2w . . (AB)(EB5135)	1
-68	205-0474	. RESISTOR, Fixed, film, 470,000 ohms ±1 per cent, 1/2w . . (TI)(CD1-2PR4703F)	1
-69	201-0105	. RESISTOR, Fixed, comp, 1 megohm ±5 per cent, 1/2w (AB) . (EB1055)	1
-70	8577	. CAPACITOR, Fixed, mica, 0.01 μf ±1 per cent, 500 vdcw . . (EMM)(VTCM35-103F)	1
-71	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-72	201-0103	. RESISTOR, Fixed, comp, 10,000 ohms ±5 per cent, 1/2w . . (AB)(EB1035)	1
-73	205-0105	. RESISTOR, Fixed, film, 1 megohm ±1 per cent, 1/2w (TI) . . (CD1-2PR1004F)	1
-74	201-0105	. RESISTOR, Fixed, comp, 1 megohm ±5 per cent, 1/2w (AB) . (EB1055)	2
-75	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-76	205-0361	. RESISTOR, Fixed, film, 360 ohms ±1 per cent, 1/2w (TI). . . (CD1-2PR3600F)	2
-77	201-0512	. RESISTOR, Fixed, comp, 5100 ohms ±5 per cent, 1/2w (AB) . (EB5125)	1
-78	201-0182	. RESISTOR, Fixed, comp, 1800 ohms ±5 per cent, 1/2w (AB) . (EB1825)	1
-79	201-0104	. RESISTOR, Fixed, comp, 100,000 ohms ±5 per cent, 1/2w . (AB)(EB1045)	1
-80	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	2
		- - - * - - -	
-81	201-0103	. RESISTOR, Fixed, comp, 10,000 ohms ±5 per cent, 1/2w . (AB)(EB1035)	1
-82	201-0561	. RESISTOR, Fixed, comp, 560 ohms ±5 per cent, 1/2w (AB) . (EB5615)	2
-83	23037	. SEMICONDUCTOR DEVICE, Diode (HUG)(HD6226)	1
-84	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	2
		- - - * - - -	

[2] Value between 0 and 20,000 ohms determined during final adjustment. To complete part number, insert value in place of asterisk.

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
4-85	201-0224	. RESISTOR, Fixed, comp, 220,000 ohms ±5 per cent, 1/2w (AB)(EB2245) .	1
-86	201-0911	. RESISTOR, Fixed, comp, 910 ohms ±5 per cent, 1/2w (AB) (EB9115) .	1
-87	201-0152	. RESISTOR, Fixed, comp, 1500 ohms ±5 per cent, 1/2w (AB) (EB1525) .	1
-88	201-0510	. RESISTOR, Fixed, comp, 51 ohms ±5 per cent, 1/2w (AB) (EB5105) . .	1
-89	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS) .	2
		- - - * - - -	
-90	201-0181	. RESISTOR, Fixed, comp, 180 ohms ±5 per cent, 1/2w (AB) (EB1815) .	1
-91	201-0513	. RESISTOR, Fixed, comp, 51,000 ohms ±5 per cent, 1/2w (AB) (EB5135)	2
-92	201-0153	. RESISTOR, Fixed, comp, 15,000 ohms ±5 per cent, 1/2w (AB) (EB1535)	1
-93	201-0512	. RESISTOR, Fixed, comp, 5100 ohms ±5 per cent, 1/2w (AB) (EB5125) .	1
-94	201-0821	. RESISTOR, Fixed, comp, 820 ohms ±5 per cent, 1/2w (AB) (EB8215) .	1
-95	12855	. TERMINAL BOARD	1
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS) .	2
		- - - * - - -	
-96	15890	. FILTER, Band-pass, 90 cps (UNT)(H2000)	1
		(ATTACHING PARTS)	
	504-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 4-40 thd by 1/4 in. lg (SH)(SEMS) .	2
		- - - * - - -	
-97	15891	. FILTER, Band-pass, 150 cps (UNT)(H2001)	1
		(ATTACHING PARTS)	
	504-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 4-40 thd by 1/4 in. lg (SH)(SEMS) .	2
		- - - * - - -	
-98	8654	. RESISTOR, Variable, comp, 50 ohms ±10 per cent, 2w (AB) (JLU5001SD4040L) .	1
		(ATTACHING PARTS)	
	—	. LOCKNUT, Hexagon, 3/8-32 thd (AB)(B13750)(supplied with 98, Figure 4) .	1
	4076	. NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk	1
	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-99	8662	. RESISTOR, Variable, comp, 100,000 ohms ±10 per cent, 2w (AB)(JLU1041SD4040L) .	1
		(ATTACHING PARTS)	
	—	. LOCKNUT, Hexagon, 3/8-32 thd (AB)(B13750)(supplied with 99, Figure 4) .	1
	4076	. NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk	1
	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02) .	1
		- - - * - - -	
-100	8573	. RESISTOR, Variable, comp, 10,000 ohms ±10 per cent, 2w (AB)(JLU1031SD4040L) .	1

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
	—	. LOCKNUT, Hexagon, 3/8-32 thd (AB)(B13750)(supplied with 100, Figure 4)	1
	4076	. NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk	1
	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
4-101	15230	. SOCKET, Electron tube (CIN)(53F13381).	6
		(ATTACHING PARTS)	
	503-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 3-48 thd by 5/32 in. lg (SH)(SEMS)	12
		- - - * - - -	
-102	23114	. CHASSIS SUBASSEMBLY	1

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Capacitor	4-53	1
Locknut	(3-17)	8
	(4-59)	
	(4-61)	
	(4-62)	
	(4-98)	
	(4-99)	
	(4-100)	
Nut	(3-17)	2
Washer	(3-17)	2
B13750	(4-59)	Ref
	(4-61)	
	(4-62)	
	(4-98)	
	(4-99)	
	(4-100)	
CD1-2PR1003F	4-3	Ref
CD1-2PR1004F	4-8	Ref
	4-43	
	4-73	
CD1-2PR1333F	3-15	Ref
CD1-2PR1334F	4-44	Ref
CD1-2PR2653F	3-13	Ref
CD1-2PR3303F	4-52	Ref
CD1-2PR3600F	4-76	Ref
CD1-2PR4703F	4-68	Ref
CD1-2PR5103F	4-4	Ref
EB1035	4-72	Ref
	4-81	
EB1045	3-14	Ref
	4-79	
EB1055	4-34	Ref
	4-54	
	4-69	
	4-74	
EB1135	4-10	Ref
EB1525	4-42	Ref
	4-87	
EB1535	4-92	Ref
EB1625	4-63	Ref
EB1815	4-90	Ref
EB1825	4-20	Ref
	4-64	
	4-78	
EB2025	4-12	Ref
	4-16	
	4-45	
EB2055	4-7	Ref
EB2245	4-85	Ref
EB4745	4-37	Ref
EB5105	4-88	Ref
EB5125	4-77	Ref
	4-93	
EB5135	4-24	Ref
	4-28	

Part No.	Figure & Index No.	Total Quantity
EB5135 (cont)	4-67	
	4-91	
EB5145	4-25	Ref
EB5615	4-82	Ref
EB6225	4-23	Ref
EB8215	4-94	Ref
EB9115	4-86	Ref
GB5115	4-49	Ref
GLU2522SD3028L	3-17	Ref
G3658	3-5	Ref
HD6226	4-35	Ref
	4-83	
H2000	4-96	Ref
H2001	4-97	Ref
JLU1031SD4040L	4-62	Ref
	4-100	
JLU1041SD4040L	4-99	Ref
JLU1051SD4040L	4-59	Ref
JLU5001SD4040L	4-98	Ref
JLU5042SD4040L	4-61	Ref
M4721	(3-17)	Ref
M4748	(3-17)	Ref
M4761	(3-17)	Ref
RB13B51802F	4-1	Ref
Type DES	3-10	Ref
VTCM20-201G	4-66	Ref
VTCM35-103F	3-12	Ref
	4-2	
	4-6	
	4-27	
	4-47	
	4-51	
	4-70	
VTCM35-242G	4-5	Ref
VTCM35-362G	4-60	Ref
1N118	4-14	Ref
	4-18	
1N89	4-13	Ref
	4-17	
	4-21	
103-0014	(4-30)	2
	(4-56)	
10353	(4-30)	2
	(4-56)	
106-0140	(4-1)	1
11146	(4-1)	1
118P22304S4	4-36	Ref
12AT7WA	3-4	Ref
12681	2-5	1
12682	2-5	1
12712	4-39	2
12855	4-15	11
	4-19	
	4-22	
	4-26	

Part No.	Figure & Index No.	Total Quantity
12855 (cont)	4-46	
	4-71	
	4-75	
	4-80	
	4-84	
	4-89	
	4-95	
12921	4-58	1
12924	(4-30)	2
	(4-56)	
13025	4-9	3
	4-29	
	4-50	
13152	4-57	2
13928	3-8	3
14079	3-16	2
14115	2-4	1
14556	4-30	2
	4-56	
150D105X0035A2	4-33	Ref
15230	4-101	6
15374	3-9	1
15535	3-11	2
15610	3-5	2
15763	4-11	2
	4-40	
15890	4-96	1
15891	4-97	1
16143	3-10	4
16641	4-32	1
16643	4-55	1
16644	4-55	1
16653	4-41	1
16660	4-13	6
	4-17	
	4-21	
16661	2-6	2
	3-6	
16662	2-7	4
	3-7	
16665	4-18	2
16670	4-14	1
1703	(4-38)	Ref
1706	(2-8)	Ref
	(3-11)	
1920-02	(4-57)	Ref
	(4-58)	
	(4-59)	
	(4-61)	
	(4-62)	
	(4-98)	
	(4-99)	
	(4-100)	
201-*	4-65	1
201-0103	4-72	2
	4-81	
201-0104	3-14	3
	4-79	
201-0105	4-34	6
	4-54	
	4-69	
	4-74	

Part No.	Figure & Index No.	Total Quantity
201-0113	4-10	1
201-0152	4-42	2
	4-87	
201-0153	4-92	1
201-0162	4-63	1
201-0181	4-90	1
201-0182	4-20	4
	4-64	
	4-78	
201-0202	4-12	3
	4-16	
	4-45	
201-0205	4-7	1
201-0224	4-85	1
201-0474	4-37	2
201-0510	4-88	1
201-0512	4-77	2
	4-93	
201-0513	4-24	5
	4-28	
	4-67	
	4-91	
201-0514	4-25	1
201-0561	4-82	2
201-0622	4-23	2
201-0821	4-94	1
201-0911	4-86	1
202-0511	4-49	1
204-0105	4-48	2
205-0017	3-15	2
205-0028	4-44	1
205-0036	3-13	4
205-0104	4-3	1
205-0105	4-8	3
	4-43	
	4-73	
205-0334	4-52	1
205-0361	4-76	2
205-0474	4-68	1
205-0514	4-4	1
21485-9101	4-33	2
22900-0014	2-	1
	3-	
	4-	
22900-0028	2-	1
	3-	
	4-	
23033	2-1	1
23035	2-3	1
23036	2-3	1
23037	4-35	3
	4-83	
23038	4-38	1
23082	2-2	1
23114	4-102	1
3789	(4-1)	3
4041	(2-8)	3
	(4-1)	
4076	(4-59)	6
	(4-61)	
	(4-62)	
	(4-98)	

Part No.	Figure & Index No.	Total Quantity
4076 (cont)	(4-99)	
	(4-100)	
4103	(4-38)	2
4561	(4-38)	2
4697	(4-57)	3
	(4-58)	
4710	2-8	2
503-0010	(3-16)	32
	(4-29)	
	(4-50)	
	(4-71)	
	(4-75)	
	(4-80)	
	(4-84)	
	(4-89)	
	(4-95)	
	(4-101)	
503-0014	(2-7)	14
	(3-7)	
	(3-8)	
	(3-9)	
504-0016	(3-5)	12
	(4-96)	
	(4-97)	
506-0016	(3-11)	2
510-0009	(4-9)	22
	(4-11)	
	(4-15)	
	(4-19)	
	(4-22)	
	(4-26)	
	(4-39)	
	(4-40)	
	(4-41)	
	(4-46)	
510-0010	(4-32)	2
510-0014	(4-38)	2
511-0012	(2-1)	18
	(2-2)	
53F13381	4-101	Ref
5670	3-1	Ref
5751	3-2	Ref

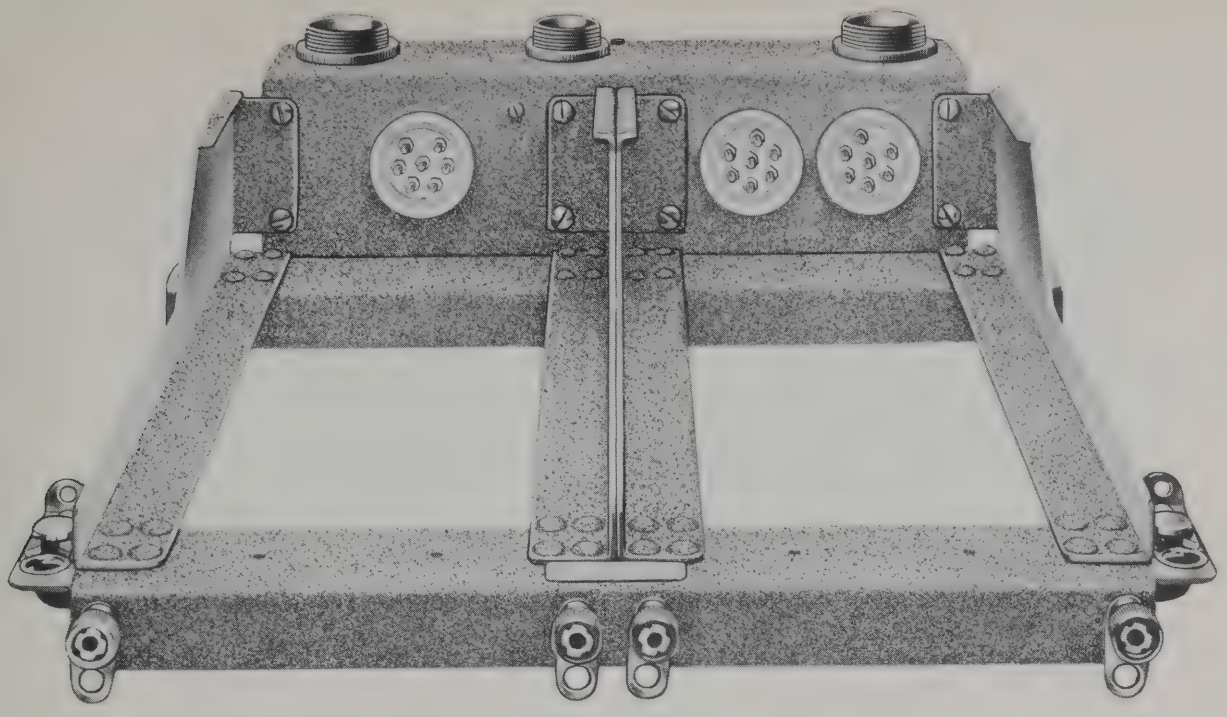
Part No.	Figure & Index No.	Total Quantity
5783	4-31	Ref
5814A	3-3	Ref
700-0120	3-1	3
700-0125	3-2	1
700-0128	3-3	1
700-0173	3-4	1
700-0218	4-31	1
7730	(2-4)	1
8040	(2-4)	1
8081	(2-3)	4
	(2-5)	
8247	4-61	1
8488	(2-8)	4
	(3-11)	
8540	(4-57)	9
	(4-58)	
	(4-59)	
	(4-61)	
	(4-62)	
	(4-98)	
	(4-99)	
	(4-100)	
8573	4-62	2
	4-100	
8577	3-12	26
	4-2	
	4-6	
	4-27	
	4-47	
	4-51	
	4-70	
8578	4-1	1
8617-0201	4-66	1
8618-0242	4-5	1
8618-0362	4-60	1
8654	4-98	1
8655	4-59	1
8662	4-99	1
8911-9223	4-36	2
8915-0252	3-17	2
9537	(4-1)	1
997A105K	4-48	Ref

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
C201	4-66	8617-0201
C202	4-27	8577
C203	4-27	8577
C204	4-27	8577
C205	4-27	8577
C206	4-51	8577
C207	3-8	13928
C208	4-47	8577
C209	3-8	13928
C210	4-2	8577
C211	4-60	8618-0362
C212	3-12	8577
C213	3-12	8577
C214	3-12	8577
C215	3-12	8577
C216	3-12	8577
C217	3-12	8577
C218	3-10	16143
C219	3-8	13928
C220	4-40	15763
C221	4-70	8577
C222	4-6	8577
C223	4-6	8577
C224	4-6	8577
C225	4-5	8618-0242
C226	3-12	8577
C227	3-12	8577
C228	3-12	8577
C229	3-12	8577
C230	3-12	8577
C231	3-12	8577
C232	3-12	8577
C233	4-11	15763
C234	3-10	16143
C235	4-41	16653
C236	4-47	8577
C237	4-47	8577
C238	3-10	16143
C239	3-10	16143
C240	4-53	——
C241	4-33	21485-9101
C242	4-36	8911-9223
C243	4-33	21485-9101
C244	4-36	8911-9223
CR201	4-21	16660
CR202	4-21	16660
CR203	4-21	16660
CR204	4-21	16660
CR205	4-13	16660
CR206	4-17	16660
CR207	(4-14)	p/o 16670
CR208	(4-14)	p/o 16670
CR209	4-18	16665
CR210	4-18	16665
CR211	4-83	23037
CR212	4-35	23037
CR213	4-35	23037
J201	4-57	13152
J202	4-58	12921
J203	4-57	13152
J204	(4-102)	p/o 23114
J205	(4-102)	p/o 23114
K201	4-39	12712
K202	4-39	12712
R201	4-69	201-0105
R202	4-63	201-0162
R203	4-67	201-0513
R204	4-23	201-0622
R205	4-85	201-0224
R206	4-79	201-0104
R207	4-23	201-0622
R208	4-25	201-0514
R209	4-86	201-0911
R210	4-74	201-0105
R211	4-24	201-0513
R212	4-28	201-0513
R213	4-52	205-0334
R214	4-88	201-0510
R215	4-87	201-0152
R216	4-91	201-0513
R217	4-91	201-0513
R218	4-73	205-0105
R219	4-72	201-0103
R220	4-81	201-0103
R221	4-1	8578
R222	4-65	201-*
R223	4-54	201-0105
R224	4-3	205-0104
R225	4-61	8247
R226	4-62	8573
R227	4-42	201-0152
R228	3-14	201-0104
R229	3-13	205-0036
R230	3-15	205-0017
R231	3-13	205-0036
R232	4-74	201-0105
R233	4-64	201-0182
R234	4-93	201-0512
R235	4-12	201-0202
R236	4-16	201-0202
R237	4-78	201-0182
R238	4-76	205-0361
R239	4-98	8654
R240	4-76	205-0361
R241	4-68	205-0474
R242	4-4	205-0514

Reference Designation	Figure & Index No.	Part No.
R243	4-7	201-0205
R244	4-8	205-0105
R245	4-64	201-0182
R246	3-14	201-0104
R247	3-13	205-0036
R248	3-15	205-0017
R249	3-13	205-0036
R250	4-59	8655
R251	4-20	201-0182
R252	4-77	201-0512
R253	4-10	201-0113
R254	4-48	204-0105
R255	4-43	205-0105
R256	4-45	201-0202
R257	4-99	8622
R258	4-48	204-0105
R259	4-44	205-0028
R260	4-94	201-0821
R261	4-92	201-0153
R262	4-82	201-0561
R264	4-100	8573
R265	4-82	201-0561
R266	4-55	16643
R266	4-55	16644
R267	4-49	202-0511
R268	3-17	8915-0252
R269	3-17	8915-0252

Reference Designation	Figure & Index No.	Part No.
R270	4-90	201-0181
R271	4-34	201-0105
R272	4-37	201-0474
R273	4-34	201-0105
R274	4-37	201-0474
T201	3-5	15610
T202	3-5	15610
V201	3-1	700-0120
V202	4-31	700-0218
V203	3-1	700-0120
V204	3-1	700-0120
V205	3-2	700-0125
V206	3-3	700-0128
V207	3-4	700-0173
XV201	4-101	15230
XV203	4-101	15230
XV204	4-101	15230
XV205	4-101	15230
XV206	4-101	15230
XV207	4-101	15230
Z201	3-9	15374
Z202	4-96	15890
Z203	4-97	15891

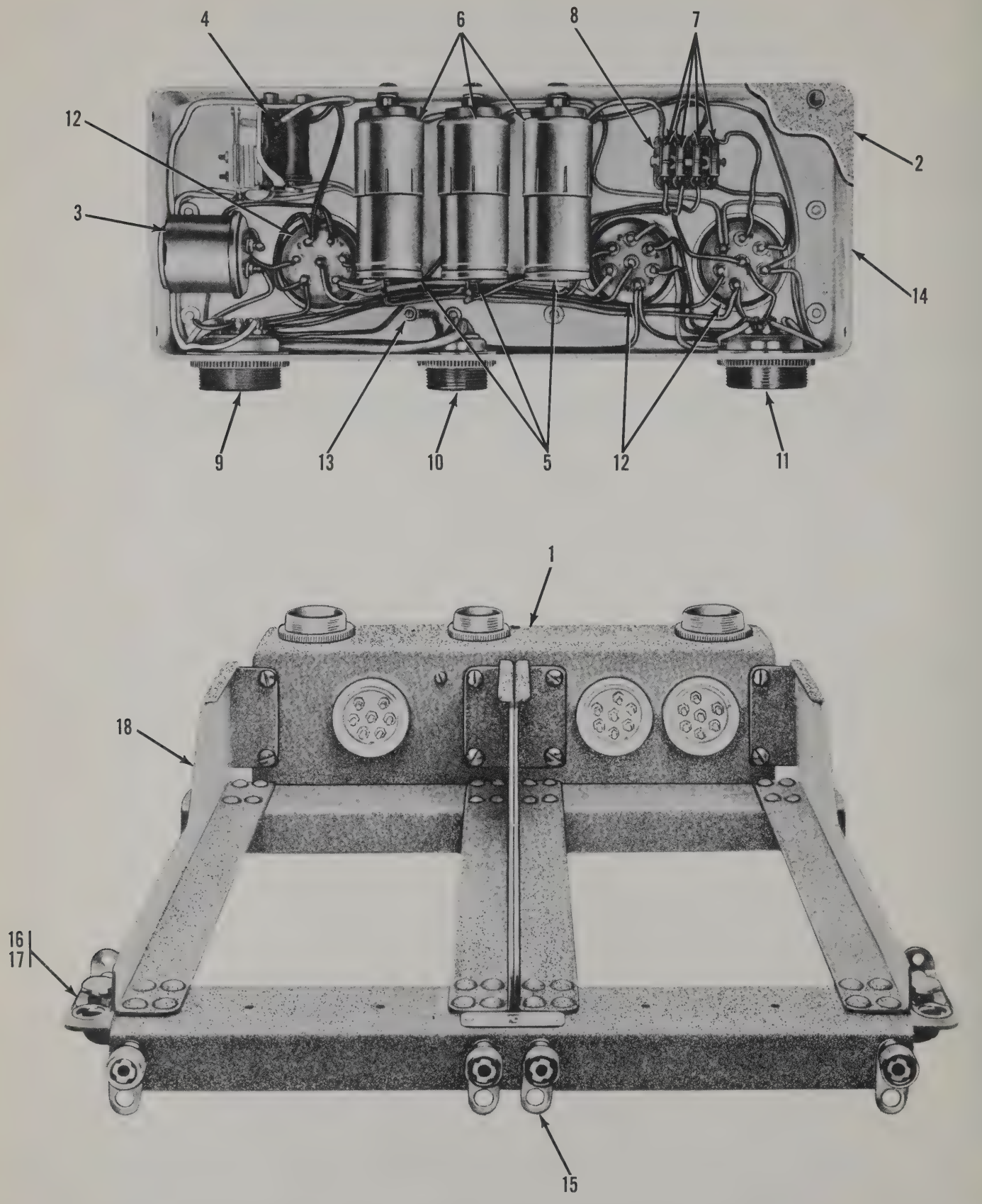


TP1170

Figure 1. E-14 Rack

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	15880-0014	RACK ASSEMBLY, ARC Type E-14(14V).	1
2-	15880-0028	RACK ASSEMBLY, ARC Type E-14(28V).	1
-1	15883-0014	. COUPLING BOX ASSEMBLY, 14V	1
-1	15883-0028	. COUPLING BOX ASSEMBLY, 28V	1
		(ATTACHING PARTS)	
	106-0020	. SCREW, Machine, bind. h, brs ni pl, 6-32 thd by 5/16 in. lg .	8
	8488	. WASHER, Lock, sst, 0.145 ID by 0.280 OD by 0.030 in. thk . (SH)(1706)	8
		- - - * - - -	
-2	15877	. . COVER, Bottom	1
		(ATTACHING PARTS)	
	113-0012	. . SCREW, Machine, bind. h, brs, blk oxidized, 3-48 thd by . 3/16 in. lg	6
	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. . thk (SH)(1703)	6
		- - - * - - -	
-3	16798	. . FILTER, Audio, 7500 to 10,000 cps	1
		(ATTACHING PARTS)	
	103-0012	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 3/16 in. lg	2
	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. . thk (SH)(1703)	2
		- - - * - - -	
-4	14484	. . RELAY, Armature (used on 14V models only)	1
-4	14485	. . RELAY, Armature (used on 28V models only)	1



TP1466

Figure 2. Rack Assembly, Front and Rear Interior Views

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
	503-0020	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 5/16 in. lg (SH)(SEMS)	2
	23675	. . SPACER, Sleeve	2
		- - - * - - -	
-5	16143	. . CAPACITOR, Fixed, electrolytic, 1000 μf, 10 vdcw (SPR) . (type DES)	3
-6	15535	. . RETAINER, Capacitor	3
		(ATTACHING PARTS)	
	106-0016	. . SCREW, Machine, bind. h, brs, ni pl, 6-32 thd by 1/4 in. lg	3
	8488	. . WASHER, Lock, sst, 0.145 ID by 0.280 OD by 0.030 in. thk (SH)(1706)	6
		- - - * - - -	
-7	201-0102	. . RESISTOR, Fixed, comp, 1000 ohms ±5 per cent, 1/2w . . (AB)(EB1025)	4
-8	12855	. . TERMINAL BOARD	1
		(ATTACHING PARTS)	
	103-0012	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 3/16 in. lg	2
	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. . thk (SH)(1703)	2
		- - - * - - -	
-9	12097	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PARTS)	
	5131	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 . in. thk (supplied with 9, Figure 2)	1
		- - - * - - -	
-10	12427	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PARTS)	
	9327	. . NUT, Round, knurled, brs, ni pl, 7/8-24 thd by 0.109 in. . thk (supplied with 10, Figure 2)	1
		- - - * - - -	
-11	12348	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PARTS)	
	5131	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 . in. thk (supplied with 11, Figure 2)	1
		- - - * - - -	
-12	12095	. . CONNECTOR, Receptacle, electrical	3
		(ATTACHING PARTS)	
	5128	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.219 . in. thk (supplied with 12, Figure 2)	3
		- - - * - - -	
-13	10284	. . TERMINAL	1
		(ATTACHING PARTS)	
	103-0012	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 3/16 in. lg	1
	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. . thk (SH)(1703)	1
		- - - * - - -	
-14	15879	. . BOX SUBASSEMBLY	1
-15	11020	. SCREW ASSEMBLY, Locking	4
		(ATTACHING PARTS)	
	11021	. NUT, Hexagon, brs, ni pl, 10-32 thd by 0.156 in. thk (supplied with 15, Figure 2)	4
	5142	. WASHER, Flat, 0.192 ID by 0.344 OD by 0.010 in. thk . . . . (supplied with 15, Figure 2)	4
		- - - * - - -	
-16	2540	. SNAPSLIDE	4
		(ATTACHING PARTS)	
	2116	. BUTTON, Snapslide.	4
	5171	. WASHER, Spring tension	8
		- - - * - - -	
-17	4750	. GUIDE, Snapslide.	4
-18[1]	—	. RACK SUBASSEMBLY.	1

[1] Nonprocurable part.

NUMERICAL INDEX

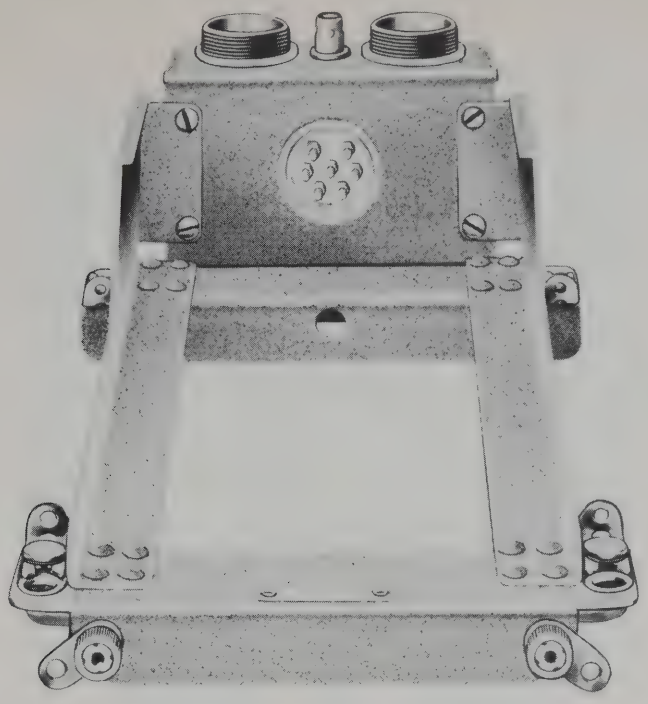
Part No.	Figure & Index No.	Total Quantity
Rack Subassembly	2-18	1
EB1025	2-7	Ref
Type DES	2-5	Ref
10284	2-13	1
103-0012	(2-3)	5
	(2-8)	
	(2-13)	
106-0016	(2-6)	3
106-0020	(2-1)	8
11020	2-15	4
11021	(2-15)	4
113-0012	(2-2)	6
12095	2-12	3
12097	2-9	1
12348	2-11	1
12427	2-10	1
12855	2-8	1
14484	2-4	1
14485	2-4	1
15535	2-6	3
15877	2-2	1
15879	2-14	1
15880-0014	2-	1
15880-0028	2-	1
15883-0014	2-1	1
15883-0028	2-1	1

Part No.	Figure & Index No.	Total Quantity
16143	2-5	3
16798	2-3	1
1703	(2-2)	Ref
	(2-3)	
	(2-8)	
	(2-13)	
1706	(2-1)	Ref
	(2-6)	
201-0102	2-7	4
2116	(2-16)	4
23675	(2-4)	2
2540	2-16	4
4103	(2-2)	11
	(2-3)	
	(2-8)	
	(2-13)	
4750	2-17	4
503-0020	(2-4)	2
5128	(2-12)	3
5131	(2-9)	2
	(2-11)	
5142	(2-15)	4
5171	(2-16)	8
8488	(2-1)	14
	(2-6)	
9327	(2-10)	1

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
C301	2-5	16143
C302	2-5	16143
C303	2-5	16143
J301	2-12	12095
J302	2-12	12095
J303	2-12	12095
J304	2-9	12097
J305	2-10	12427
J306	2-11	12348

Reference Designation	Figure & Index No.	Part No.
K301	2-4	12348
K301	2-4	14484
R301	2-7	201-0102
R302	2-7	201-0102
R303	2-7	201-0102
R304	2-7	201-0102
Z301	2-3	16798



TP1172

Figure 1. E-15 Rack

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	16760-0014	RACK ASSEMBLY, ARC Type E-15(14V).	1
2-	16760-0028	RACK ASSEMBLY, ARC Type E-15(28V).	1
-1	16769-0014	. COUPLING BOX ASSEMBLY, 14V	1
-1	16769-0028	. COUPLING BOX ASSEMBLY, 28V	1
		(ATTACHING PARTS)	
	106-0020	. SCREW, Machine, bind. h, brs, ni pl, 6-32 thd by 5/16 in. lg.	4
	8488	. WASHER, Lock, sst, 0.145 ID by 0.280 OD by 0.030 in. thk . (SH)(1706)	4
		- - - * - - -	
-2	16765	. . COVER, Bottom	1
		(ATTACHING PARTS)	
	513-0012	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, blk oxidized, 3-48 thd by 3/16 in. lg (SH) (SEMS)	4
		- - - * - - -	
-3	16798	. . FILTER, Audio, 7500 to 10,000 cps	1
		(ATTACHING PARTS)	
	503-0012	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-4	14484	. . RELAY, Armature (used on 14V model only)	1
-4	14485	. . RELAY, Armature (used on 28V model only)	1

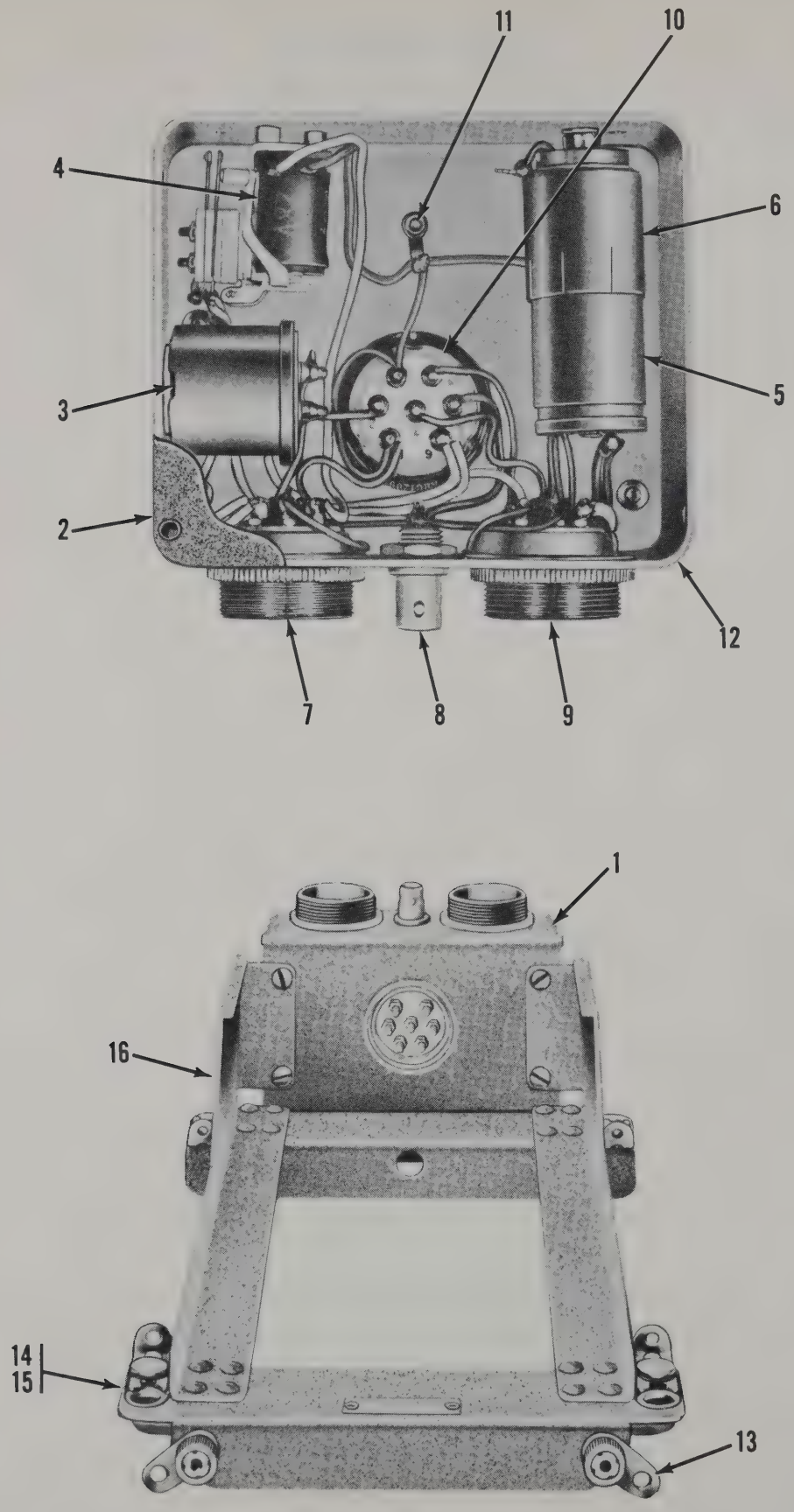


Figure 2. Rack Assembly, Front and Rear Interior Views

TP1468

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
	503-0020	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 5/16 in. lg (SH)(SEMS)	2
	14174	. . SPACER, Sleeve	2
		- - - * - - -	
2-5	16143	. . CAPACITOR, Fixed, electrolytic, 1000 μf, 10 vdcw (SPR) . (type DES)	1
2-6	15535	. . RETAINER, Capacitor	1
		(ATTACHING PARTS)	
	506-0016	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 6-32 thd by 1/4 in. lg (SH)(SEMS)	1
	8488	. . WASHER, Lock, sst, 0.145 ID by 0.280 OD by 0.030 in. . thk (SH)(1706)	1
		- - - * - - -	
-7	12097	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PART)	
	5131	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in. thk (supplied with 7, Figure 2)	1
		- - - * - - -	
-8	15185	. . CONNECTOR, Receptacle, electrical, type UG-625/U . . .	1
		(ATTACHING PARTS)	
	—	. . NUT, Hexagon, 3/8-32 thd by 1/16 in. thk (supplied with . 8, Figure 2)	1
	—	. . WASHER, Lock, sst (supplied with 8, Figure 2)	1
		- - - * - - -	
-9	12355	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PART)	
	5131	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in. thk (supplied with 9, Figure 2)	1
		- - - * - - -	
-10	12095	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PART)	
	5128	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in. thk (supplied with 10, Figure 2)	1
		- - - * - - -	
-11	10284	. . TERMINAL	1
		(ATTACHING PARTS)	
	503-0014	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 7/32 in. lg (SH)(SEMS)	1
	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. . thk (SH)(1703)	1
		- - - * - - -	
-12	16763	. . BOX SUBASSEMBLY	1
-13	11020	. SCREW ASSEMBLY, Locking	2
		(ATTACHING PARTS)	
	11021	. NUT, Hexagon, brs, ni pl, 10-32 thd by 0.156 in. thk (supplied with 13, Figure 2)	2
	5142	. WASHER, Flat, 0.192 ID by 0.344 OD by 0.010 in. thk . . . (supplied with 13, Figure 2)	2
		- - - * - - -	
-14	2540	. SNAPSLIDE	4
		(ATTACHING PARTS)	
	2116	. BUTTON, Snapslide.	4
	5171	. WASHER, Spring tension	8
		- - - * - - -	
-15	4750	. GUIDE, Snapslide.	4
-16[1]	—	. RACK SUBASSEMBLY.	1

[1] Nonprocurable part.

NUMERICAL INDEX

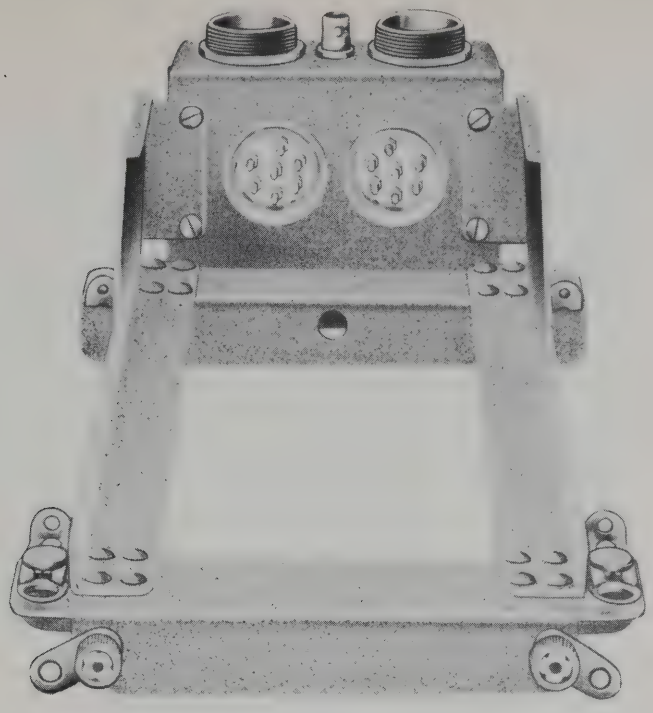
Part No.	Figure & Index No.	Total Quantity
Nut	(2-8)	1
Rack Subassembly	2-16	1
Washer	(2-8)	1
Type DES	2-5	Ref
UG-625/U	2-8	Ref
10284	2-11	1
106-0020	(2-1)	4
11020	2-13	2
11021	(2-13)	2
12095	2-10	1
12097	2-7	1
12355	2-9	1
14174	(2-4)	2
14484	2-4	1
14485	2-4	1
15185	2-8	1
15535	2-6	1
16143	2-5	1
16760-0014	2-	1
16760-0028	2-	1
16763	2-12	1
16765	2-2	1

Part No.	Figure & Index No.	Total Quantity
16769-0014	2-1	1
16769-0028	2-1	1
16798	2-3	1
1703	(2-11)	Ref
1706	(2-1)	Ref
	(2-6)	
2116	(2-14)	4
2540	2-14	4
4103	(2-11)	1
4750	2-15	4
503-0012	(2-3)	2
503-0014	(2-11)	1
503-0020	(2-4)	2
506-0016	(2-6)	1
5128	(2-10)	1
513-0012	(2-2)	4
5131	(2-7)	2
	(2-9)	
5142	(2-13)	2
5171	(2-14)	8
8488	(2-1)	5
	(2-6)	

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
C1801	2-5	16143
J1801	2-10	12095
J1802	2-7	12097
J1803	2-8	15185

Reference Designation	Figure & Index No.	Part No.
J1804	2-9	12355
K1801	2-4	14484
K1801	2-4	14485
Z1801	2-3	16798

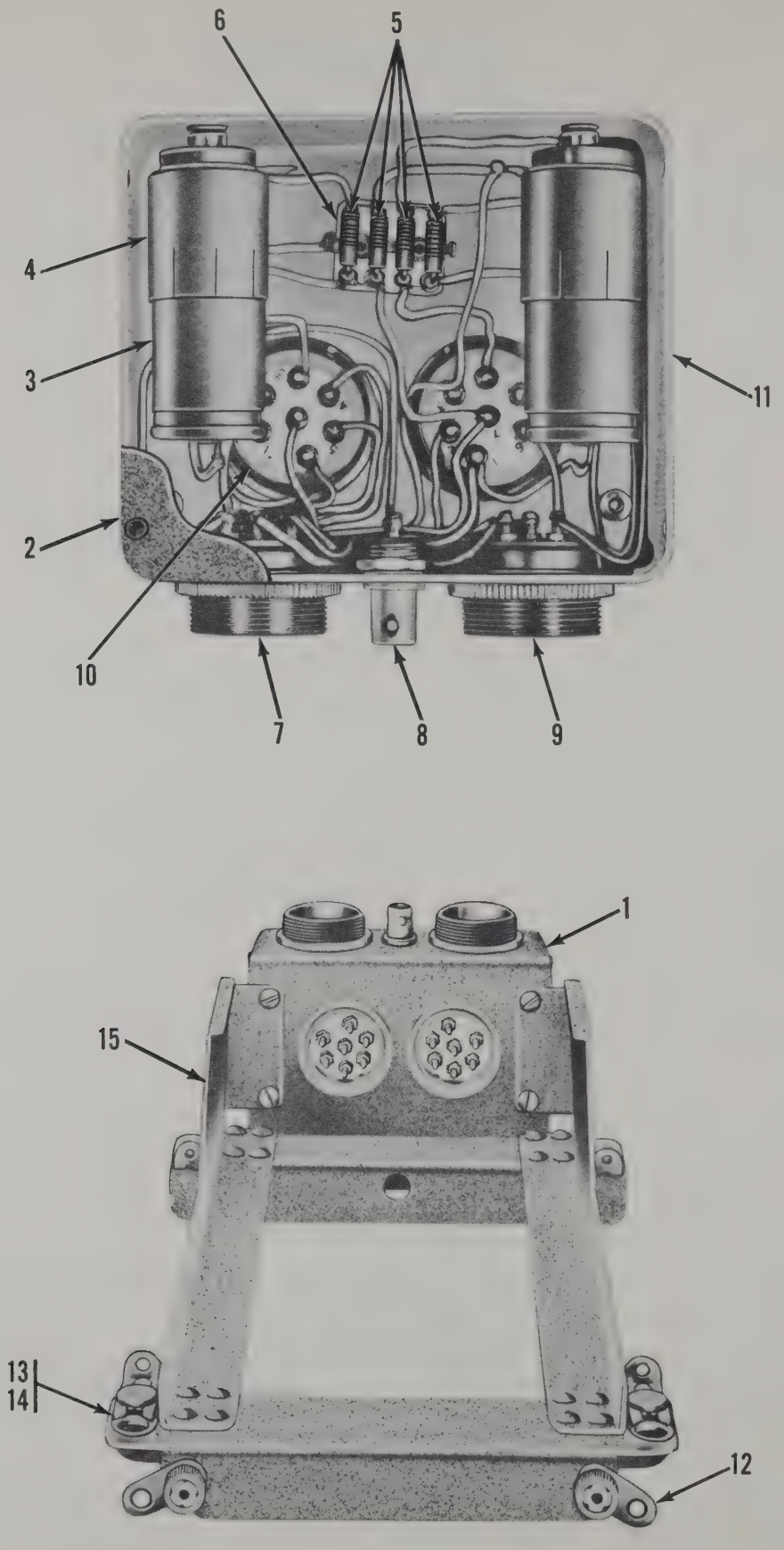


TP1174

Figure 1. E-16 Rack

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	16770	RACK ASSEMBLY, ARC Type E-16	1
-1	16773	. COUPLING BOX ASSEMBLY	1
		(ATTACHING PARTS)	
	106-0020	. SCREW, Machine, bind. h, brs, ni pl, 6-32 thd by 5/16 in. lg.	4
	8488	. WASHER, Lock, sst, 0.145 ID by 0.280 OD by 0.030 in. thk . (SH)(1706)	4
		- - - * - - -	
-2	16765	. . COVER, Bottom	1
		(ATTACHING PARTS)	
	113-0012	. . SCREW, Machine, bind. h, brs, blk oxidized, 3-48 thd by . 3/16 in. lg	4
	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. . thk (SH)(1703)	4
		- - - * - - -	
-3	16143	. . CAPACITOR, Fixed, electrolytic, 1000 μf, 10 vdcw (SPR) . (type DES)	2
-4	15535	. . RETAINER, Capacitor	2
		(ATTACHING PARTS)	
	106-0016	. . SCREW, Machine, bind. h, brs, ni pl, 6-32 thd by 1/4 in. lg	2
	8488	. . WASHER, Lock, sst, 0.145 ID by 0.280 OD by 0.030 in. . thk (SH)(1706)	4
		- - - * - - -	
-5	201-0102	. . RESISTOR, Fixed, comp, 1000 ohms ±5 per cent, 1/2w . (AB)(EB1025)	4
-6	12855	. . TERMINAL BOARD	1



TP1470

Figure 2. Rack Assembly, Front and Rear Interior Views

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
	103-0012	. . SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 3/16 in. lg	2
	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703)	2
		- - - * - - -	
2-7	12348	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PART)	
	5131	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in. thk (supplied with 7, Figure 2)	1
		- - - * - - -	
-8	15185	. . CONNECTOR, Receptacle, electrical, type UG-625/U	1
		(ATTACHING PARTS)	
	—	. . NUT, Hexagon, 3/8-32 thd by 1/16 in. thk (supplied with 8, Figure 2)	1
	—	. . WASHER, Lock, sst (supplied with 8, Figure 2)	1
		- - - * - - -	
-9	12354	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PART)	
	5131	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in. thk (supplied with 9, Figure 2)	1
		- - - * - - -	
-10	12095	. . CONNECTOR, Receptacle, electrical	2
		(ATTACHING PARTS)	
	5128	. . NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.219 in. thk (supplied with 10, Figure 2)	2
		- - - * - - -	
-11	16766	. . BOX SUBASSEMBLY	1
-12	11020	. SCREW ASSEMBLY, Locking	2
		(ATTACHING PARTS)	
	11021	. NUT, Hexagon, brs, ni pl, 10-32 thd by 0.156 in. thk (supplied with 12, Figure 2)	2
	5142	. WASHER, Flat, 0.192 ID by 0.344 OD by 0.010 in. thk (supplied with 12, Figure 2)	2
		- - - * - - -	
-13	2540	. SNAPSLIDE	4
		(ATTACHING PARTS)	
	2116	. BUTTON, Snapslide.	4
	5171	. WASHER, Spring tension	8
		- - - * - - -	
-14	4750	. GUIDE, Snapslide.	4
-15[1]	—	. RACK SUBASSEMBLY.	1

[1] Nonprocurable part.

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Nut	(2-8)	1
Rack Subassembly	2-15	1
Washer	(2-8)	1
EB1025	2-5	Ref
Type DES	2-3	Ref
UG-625/U	2-8	Ref
103-0012	(2-6)	2
106-0016	(2-4)	2
106-0020	(2-1)	4
11020	2-12	2
11021	(2-12)	2
113-0012	(2-2)	4
12095	2-10	2
12348	2-7	1
12354	2-9	1
12855	2-6	1
15185	2-8	1
15535	2-4	2
16143	2-3	2
16765	2-2	1

Part No.	Figure & Index No.	Total Quantity
16766	2-11	1
16770	2-	1
16773	2-1	1
1703	(2-2)	Ref
	(2-6)	
1706	(2-1)	Ref
	(2-4)	
201-0102	2-5	4
2116	(2-13)	4
2540	2-13	4
4103	(2-2)	6
	(2-6)	
4750	2-14	4
5128	(2-10)	2
5131	(2-7)	2
	(2-9)	
5142	(2-12)	2
5171	(2-13)	8
8488	(2-1)	8
	(2-4)	

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
C1701	2-3	16143
C1702	2-3	16143
J1701	2-10	12095
J1702	2-10	12095
J1703	2-7	12348

Reference Designation	Figure & Index No.	Part No.
J1704	2-8	15185
J1705	2-9	12354
R1701	2-5	201-0102
R1702	2-5	201-0102
R1703	2-5	201-0102
R1704	2-5	201-0102

TP1472

Figure 1. M-10 Mounting

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	12901	MOUNTING ASSEMBLY, ARC Type M-10	1
-1	15559	. STRAP, Grounding	2
		(ATTACHING PARTS)	
-2	104-0012	. SCREW, Machine, bind. h, brs, ni pl, 4-40 thd by 3/16 in. lg.	2
-3	6009	. NUT, Hexagon, brs, ni pl, 4-40 thd by 0.078 in. thk	2
-4	4242	. WASHER, Lock, brz, ni pl, 0.119 ID by 0.260 OD by 0.028 in. thk (SH)(1904)	2
		- - - * - - -	
-5	16619	. BUMPER, Rubber	4
-6	15645	. SHOCK ABSORBER, Direct action	4
		(ATTACHING PARTS)	
-7	8051	. SCREW, Machine, fh, stl, cad pl, 3-48 thd by 1/4 in. lg . . .	12
		- - - * - - -	
-8	22998	. DECAL, Information	1
-9[1]	—	. FRAME	1

[1] Nonprocurable part.

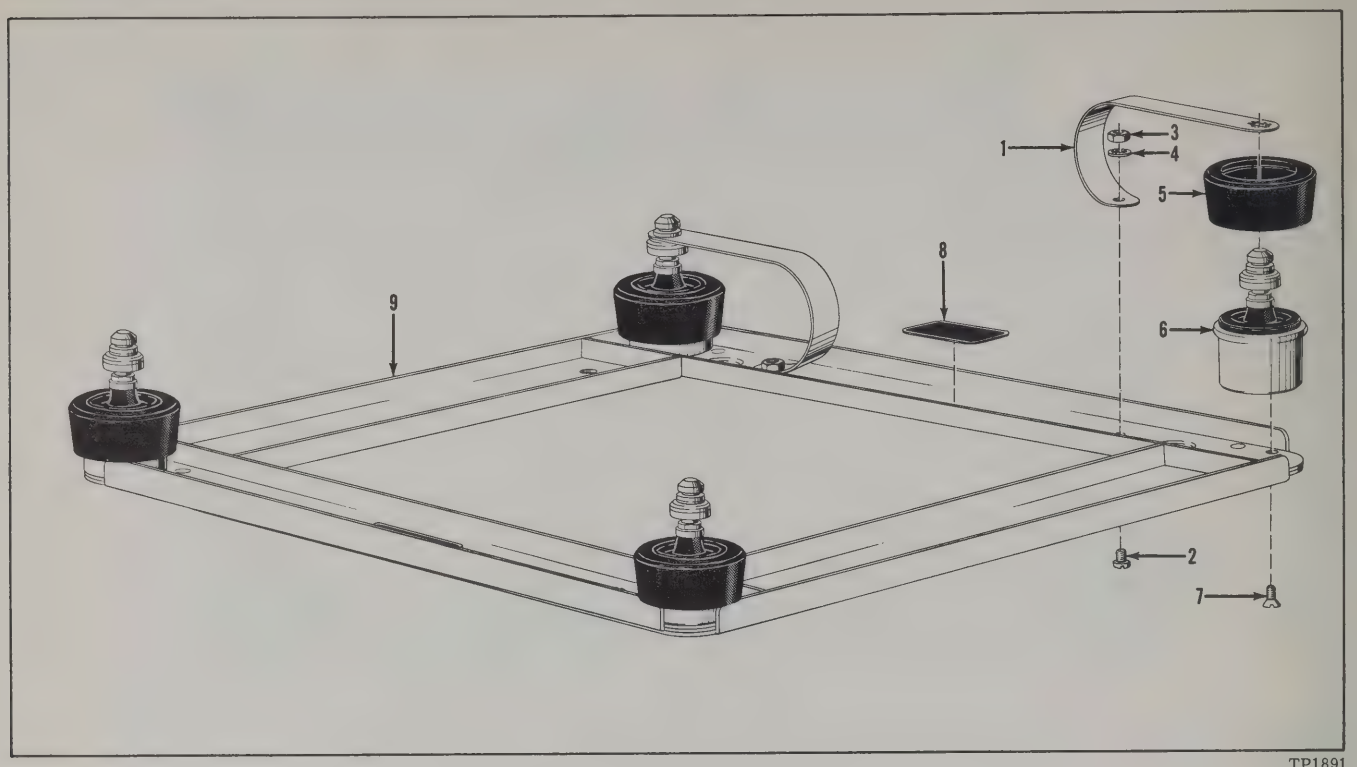


Figure 2. Mounting Assembly

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Frame	2-9	1
104-0012	2-2	2
12901	2-	1
15559	2-1	2
15645	2-6	4
16619	2-5	4

Part No.	Figure & Index No.	Total Quantity
1904	2-4	Ref
22998	2-8	1
4242	2-4	2
6009	2-3	2
8051	2-7	12

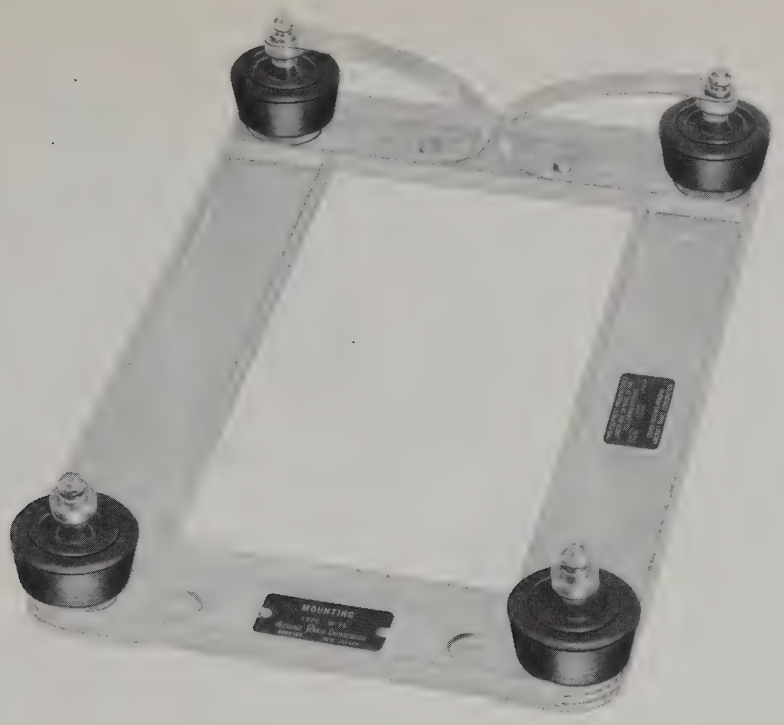


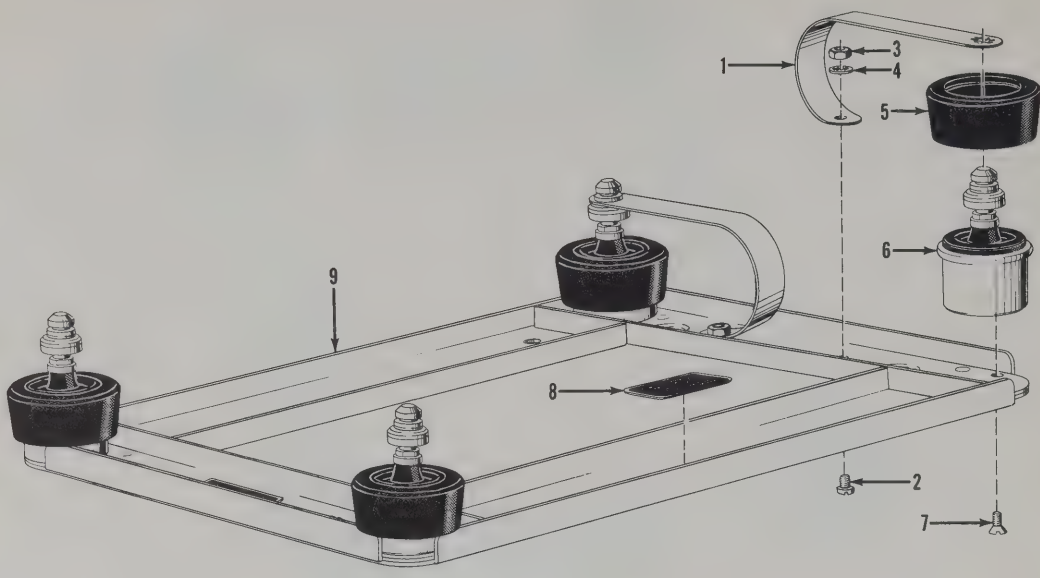
Figure 1. M-25 Mounting

TP1474

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	16780	MOUNTING ASSEMBLY, ARC Type M-25	1
-1	15559	. STRAP, Grounding	2
		(ATTACHING PARTS)	
-2	104-0012	. SCREW, Machine, bind. h, brs, ni pl, 4-40 thd by 3/16 in. lg.	2
-3	6009	. NUT, Hexagon, brs, ni pl, 4-40 thd by 0.078 in. thk	2
-4	8497	. WASHER, Lock, sst, 0.119 ID by 0.260 OD by 0.029 in. thk . (SH)(1704)	2
		- - - * - - -	
-5	16619	. BUMPER, Rubber	4
-6	16787	. SHOCK ABSORBER, Direct action	4
		(ATTACHING PARTS)	
-7	8051	. SCREW, Machine, fh, stl, cad pl, 3-48 thd by 1/4 in. lg . . .	12
		- - - * - - -	
-8	22998	. DECAL, Information	1
-9[1]	—	. FRAME	1

[1] Nonprocurable part.



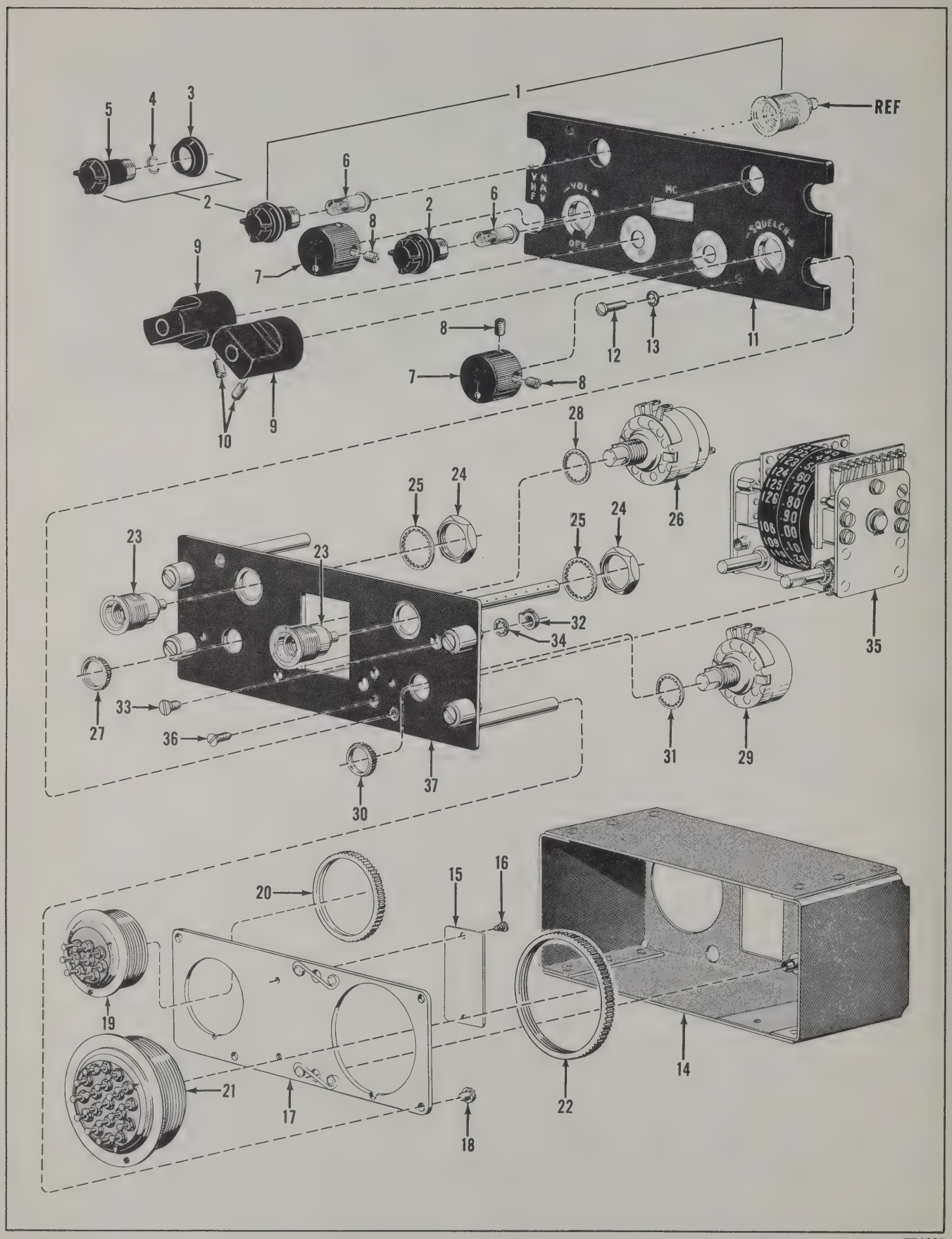
TP1893

Figure 2. Mounting Assembly

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Frame	2-9	1
104-0012	2-2	2
15559	2-1	2
16619	2-5	4
16780	2-	1
16787	2-6	4

Part No.	Figure & Index No.	Total Quantity
1704	2-4	Ref
22998	2-8	1
6009	2-3	2
8051	2-7	12
8497	2-4	2



TP1895

Figure 2. Control Unit Assembly

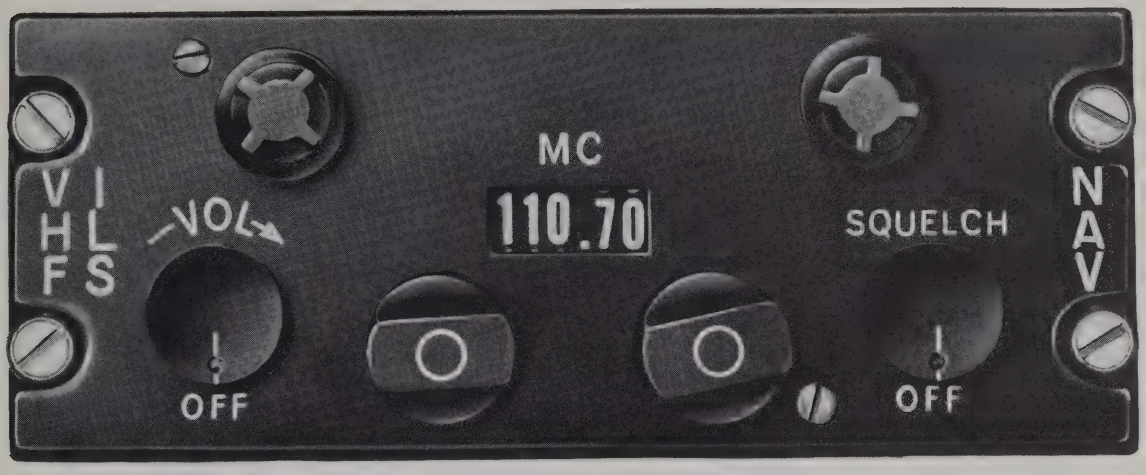
Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-14	21670	. COVER	1
-15	21878	. PLATE, Identification. . . . . (ATTACHING PARTS)	1
-16	8081	. SCREW, Tapping, thread-forming, rh, Phillips dr, stl, blk Parkerized, No. 2 by 5/32 in. lg (PK)(Z)	2
		- - - * - - -	
-17	21668	. PLATE, Mounting . . . . . (ATTACHING PARTS)	1
-18	503-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock- washer, ni pl, 3-48 thd by 3/16 in lg (SH)(SEMS)	4
		- - - * - - -	
-19	12097	. CONNECTOR, Receptacle, electrical. . . . . (ATTACHING PART)	1
-20	5131	. NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in. thk (supplied with 19, Figure 2)	1
		- - - * - - -	
-21	12357	. CONNECTOR, Receptacle, electrical. . . . . (ATTACHING PART)	1
-22	5310	. NUT, Round, knurled, brs, ni pl, 1-5/8-24 thd by 0.109 in. thk (supplied with 21, Figure 2)	1
		- - - * - - -	
-23	—	. RETAINER, Lamp housing (p/o 1, Figure 2)(GMC)(A4996) . . (ATTACHING PARTS)	2
-24	—	. NUT, Hexagon (supplied with 1, Figure 2).	2
-25	—	. WASHER, Lock (supplied with 1, Figure 2)	2
		- - - * - - -	
-26	23115	. RESISTOR, Variable, comp, 5000 ohms ±10 per cent, 2w, with spst switch (AB)(JSU5021FS2032) (ATTACHING PARTS)	1
-27	4697	. NUT, Round, serrated, brs, ni pl, 3/8-32 thd by 0.094 in. thk	1
-28	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-29	23738	. RESISTOR, Variable, comp, 100,000 ohms ±10 per cent, 2w (AB)(JU1041FS2032) (ATTACHING PARTS)	1
-30	4697	. NUT, Round, serrated, brs, ni pl, 3/8-32 thd by 0.094 in. thk	1
-31	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-32	12049	. TERMINAL . . . . . (ATTACHING PARTS)	1
-33	153-0016	. SCREW, Machine, fh, brs, blk oxidized, 3-48 thd by 1/4 in. lg	1
-34	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk thk (SH)(1703)	1
		- - - * - - -	
-35	21714	. SWITCH ASSEMBLY, Frequency selector . . . . . (ATTACHING PARTS)	1
-36	143-0020	. SCREW, Machine, fh, brs, ni pl, 3-48 thd by 5/16 in. lg . .	4
		- - - * - - -	
-37	21664	. PANEL ASSEMBLY.	1

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Grommet	2-3	2
Lamp Housing and Filter Assy	2-5	2
Lamp Housing Assy	2-2	2
Nut	2-24	2
Retainer	2-23	2
Spring	2-4	2
Washer	2-25	2
A3674	2-4	Ref
A4846A	2-3	Ref
A4996	2-23	Ref
A5178	2-5	Ref
A5181	2-2	Ref
A5890	2-1	Ref
JSU5021FS2032	2-26	Ref
JU1041FS2032	2-29	Ref
10353	2-13	2
113-0024	2-12	2
12049	2-32	1
12097	2-19	1
12357	2-21	1
143-0020	2-36	4
153-0016	2-33	1
16293	2-1	2
16331	2-7	2
1703	2-34	Ref
1920-02	2-28	Ref
1920-02 (Cont)	2-31	
20403	2-9	2
21410	2-	1
21664	2-37	1
21666	2-11	1
21668	2-17	1
21670	2-14	1
21714	2-35	1
21760	2-6	1
21878	2-15	1
23115	2-26	1
23738	2-29	1
306-0012	2-8	4
306-0016	2-10	4
327	2-6	Ref
330	2-6	Ref
4103	2-34	1
4697	2-27	2
	2-30	
503-0012	2-18	4
5131	2-20	1
5310	2-22	1
8081	2-16	2
8540	2-28	2
	2-31	
8622	2-6	2

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
DS1	(2-6)	p/o 21760
DS1	2-6	8622
DS2	(2-6)	p/o 21760
DS2	2-6	8622
J1	2-21	12357
J2	2-19	12097
R1	2-26	23115
R2	2-29	23738
S1	2-35	21714
S3	(2-26)	p/o 23115
XDS1	2-1	16293
XDS2	2-1	16293

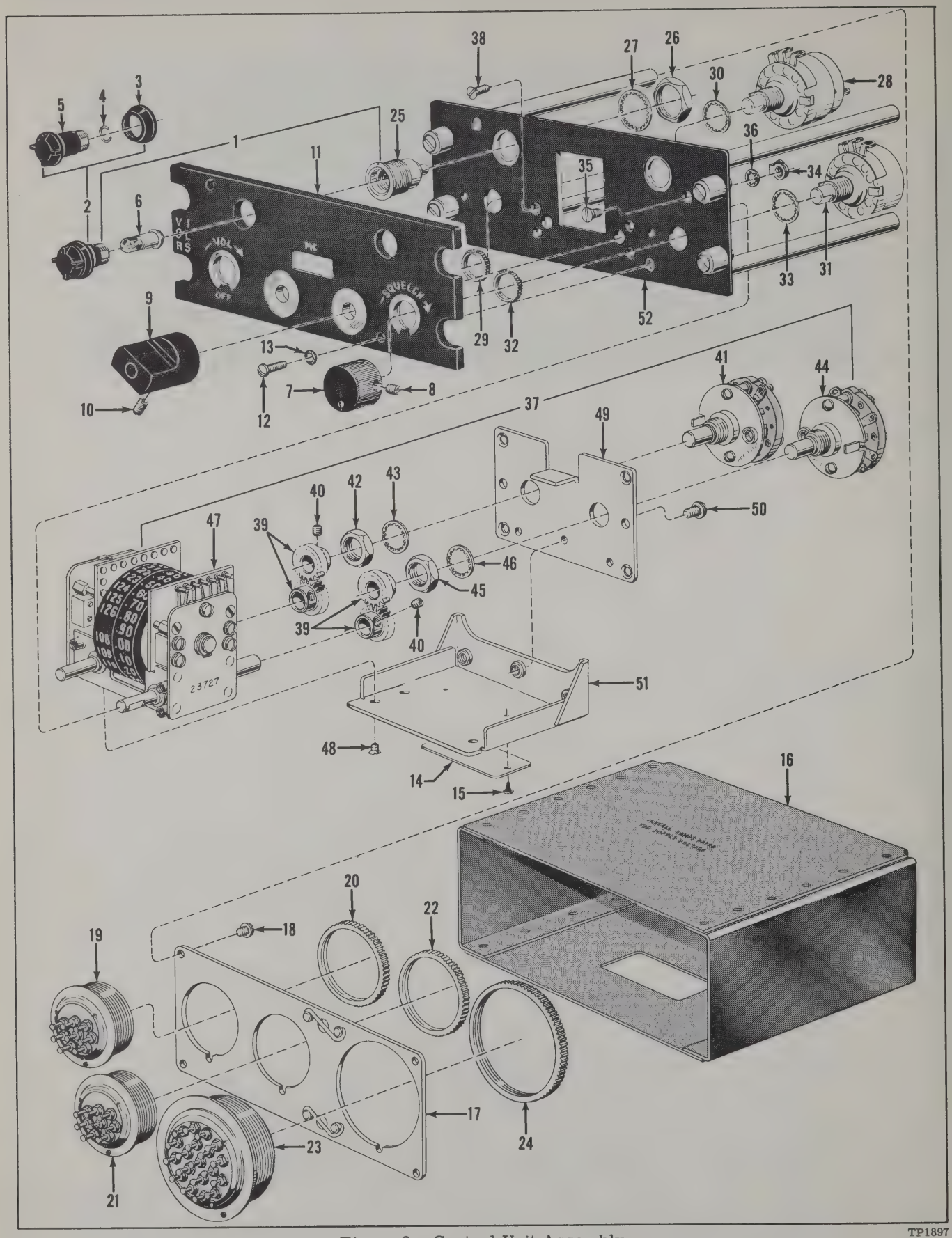


TP1478

Figure 1. C-88A Control Unit

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	22500	CONTROL ASSEMBLY, ARC Type C-88A	1
-1	16293	. LIGHT ASSEMBLY, Panel (GMC)(A5890)	2
-2	—	. . LAMP HOUSING ASSEMBLY (GMC)(A5181)	1
-3	—	. . . GROMMET, Panel light (GMC)(A4846A)	1
-4	—	. . . SPRING, Lamp retainer (GMC)(A3674).	1
-5	—	. . . LAMP HOUSING AND FILTER ASSEMBLY (GMC)(A5178)	1
-6	8622	. LAMP, Incandescent, T-1-3/4 bulb, midget flange base, 28V,. 0.04 amp (GE)(327)(used on 28V models only)	2
-6	21760	. LAMP KIT, c/o two 14V lamps (GE)(330)(used on 14V models . only)	1
-7	16331	. KNOB . . . . . (ATTACHING PARTS)	2
-8	306-0012	. SETSCREW, Fluted socket dr, cup point, stl, cad pl, 6-32 . . thd by 3/16 in. lg (supplied with 7, Figure 2) - - - * - - -	4
-9	20403	. KNOB . . . . . (ATTACHING PARTS)	2
-10	306-0016	. SETSCREW, Fluted socket dr, cup point, stl, cad pl, 6-32 . . thd by 1/4 in. lg (supplied with 9, Figure 2) - - - * - - -	4
-11	23588	. PANEL, Plastic . . . . . (ATTACHING PARTS)	1
-12	113-0024	. SCREW, Machine, bind. h, brs, blk oxidized, 3-48 thd by . . 3/8 in. lg	2
-13	10353	. WASHER, Spring tension . . . . . - - - * - - -	2
-14	23459	. PLATE, Identification	1



TP1897

Figure 2. Control Unit Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
2-15	8081	. SCREW, Tapping, thread forming, rh, Phillips dr, stl, blk Parkerized, No. 2 by 5/32 in. lg (PK)(Z)	2
		- - - * - - -	
-16	23721	. COVER	1
-17	23591	. PLATE, Mounting	1
		(ATTACHING PARTS)	
-18	503-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	4
		- - - * - - -	
-19	12097	. CONNECTOR, Receptacle, electrical	1
		(ATTACHING PART)	
-20	5131	. NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in. thk (supplied with 19, Figure 2)	1
		- - - * - - -	
-21	12355	. CONNECTOR, Receptacle, electrical	1
		(ATTACHING PART)	
-22	5131	. NUT, Round, knurled, brs, ni pl, 1-1/8-24 thd by 0.109 in. thk (supplied with 21, Figure 2)	1
		- - - * - - -	
-23	12357	. CONNECTOR, Receptacle, electrical	1
		(ATTACHING PART)	
-24	5310	. NUT, Round, knurled, brs, ni pl, 1-5/8-24 thd by 0.109 in. thk (supplied with 23, Figure 2)	1
		- - - * - - -	
-25	—	. RETAINER, Lamp housing (p/o 1, Figure 2)(GMC)(A4996)	2
		(ATTACHING PARTS)	
-26	—	. NUT, Hexagon (supplied with 1, Figure 2)	2
-27	—	. WASHER, Lock (supplied with 1, Figure 2)	2
		- - - * - - -	
-28	23115	. RESISTOR, Variable, comp, 5000 ohms ±10 per cent, 2w, with spst switch (AB)(JSU5021FS2032)	1
		(ATTACHING PARTS)	
-29	4697	. NUT, Round, serrated, brs, ni pl, 3/8-32 thd by 0.094 in. thk	1
-30	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-31	23738	. RESISTOR, Variable, comp, 100,000 ohms ±10 per cent, 2w (AB)(JU1041FS2032)	1
		(ATTACHING PARTS)	
-32	4697	. NUT, Round, serrated, brs, ni pl, 3/8-32 thd by 0.094 in. thk	1
-33	8540	. WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-34	12049	. TERMINAL	1
		(ATTACHING PARTS)	
-35	153-0016	. SCREW, Machine, fh, brs, blk oxidized, 3-48 thd by 1/4 in. lg	1
-36	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703)	1
		- - - * - - -	
-37	23730	. SWITCH ASSEMBLY	1
		(ATTACHING PARTS)	
-38	143-0020	. SCREW, Machine, fh, brs, ni pl, 3-48 thd by 5/16 in. lg	4
		- - - * - - -	
-39	23589	. . GEAR, Spur	4
		(ATTACHING PARTS)	
-40	303-0006	. . SETSCREW, Fluted socket dr, cup point, stl, cad pl, 3-48 thd by 3/32 in. lg (supplied with 39, Figure 2)	8
		- - - * - - -	
-41	23729	. . SWITCH, Rotary (OAK)(101301F1C)	1

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
2-42	4076	. . NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk. . .	1
-43	8540	. . WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-44	23728	. . SWITCH, Rotary (OAK)(101300F1C)	1
		(ATTACHING PARTS)	
-45	4076	. . NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk . .	1
-46	8540	. . WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-47	23727	. . SWITCH ASSEMBLY, Frequency selector	1
		(ATTACHING PARTS)	
-48	142-0008	. . SCREW, Machine, fh, brs, ni pl, 2-56 thd by 1/8 in. lg .	4
		- - - * - - -	
-49	23585	. . BRACKET, Mounting.	1
		(ATTACHING PARTS)	
-50	503-0020	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 5/16 in. lg (SH)(SEMS)	3
		- - - * - - -	
-51	23734	. . BRACKET, Mounting	1
-52	23593	. PANEL ASSEMBLY.	1

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Grommet	2-3	2
Lamp Housing and Filter Assembly	2-5	2
Lamp Housing Assy	2-2	2
Nut	2-26	2
Retainer	2-25	2
Spring	2-4	2
Washer	2-27	2
A3674	2-4	Ref
A4846A	2-3	Ref
A4996	2-25	Ref
A5178	2-5	Ref
A5181	2-2	Ref
A5890	2-1	Ref
JSU5021FS2032	2-28	Ref
JU1041FS2032	2-31	Ref
101300F1C	2-44	Ref
101301F1C	2-41	Ref
10353	2-13	2
113-0024	2-12	2
12049	2-34	1
12097	2-19	1
12355	2-21	1
12357	2-23	1
142-0008	2-48	4
143-0020	2-38	4
153-0016	2-35	1
16293	2-1	2
16331	2-7	2
1703	2-36	Ref
1920-02	2-30	Ref
	2-33	
	2-43	
	2-46	
20403	2-9	2
21760	2-6	1

Part No.	Figure & Index No.	Total Quantity
22500	2-	1
23115	2-28	1
23459	2-14	1
23585	2-49	1
23588	2-11	1
23589	2-39	4
23591	2-17	1
23593	2-52	1
23721	2-16	1
23727	2-47	1
23728	2-44	1
23729	2-41	1
23730	2-37	1
23734	2-51	1
23738	2-31	1
303-0006	2-40	8
306-0012	2-8	4
306-0016	2-10	4
327	2-6	Ref
330	2-6	Ref
4076	2-42	2
	2-45	
4103	2-36	1
4697	2-29	2
	2-32	
503-0012	2-18	4
503-0020	2-50	3
5131	2-20	2
	2-22	
5310	2-24	1
8081	2-15	2
8540	2-30	4
	2-33	
	2-43	
	2-46	
8622	2-6	2

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
DS1	(2-6)	p/o 21760
DS1	2-6	8622
DS2	(2-6)	p/o 21760
DS2	2-6	8622
J1	2-23	12357
J2	2-19	12097
J3	2-21	12355
R1	2-31	23738

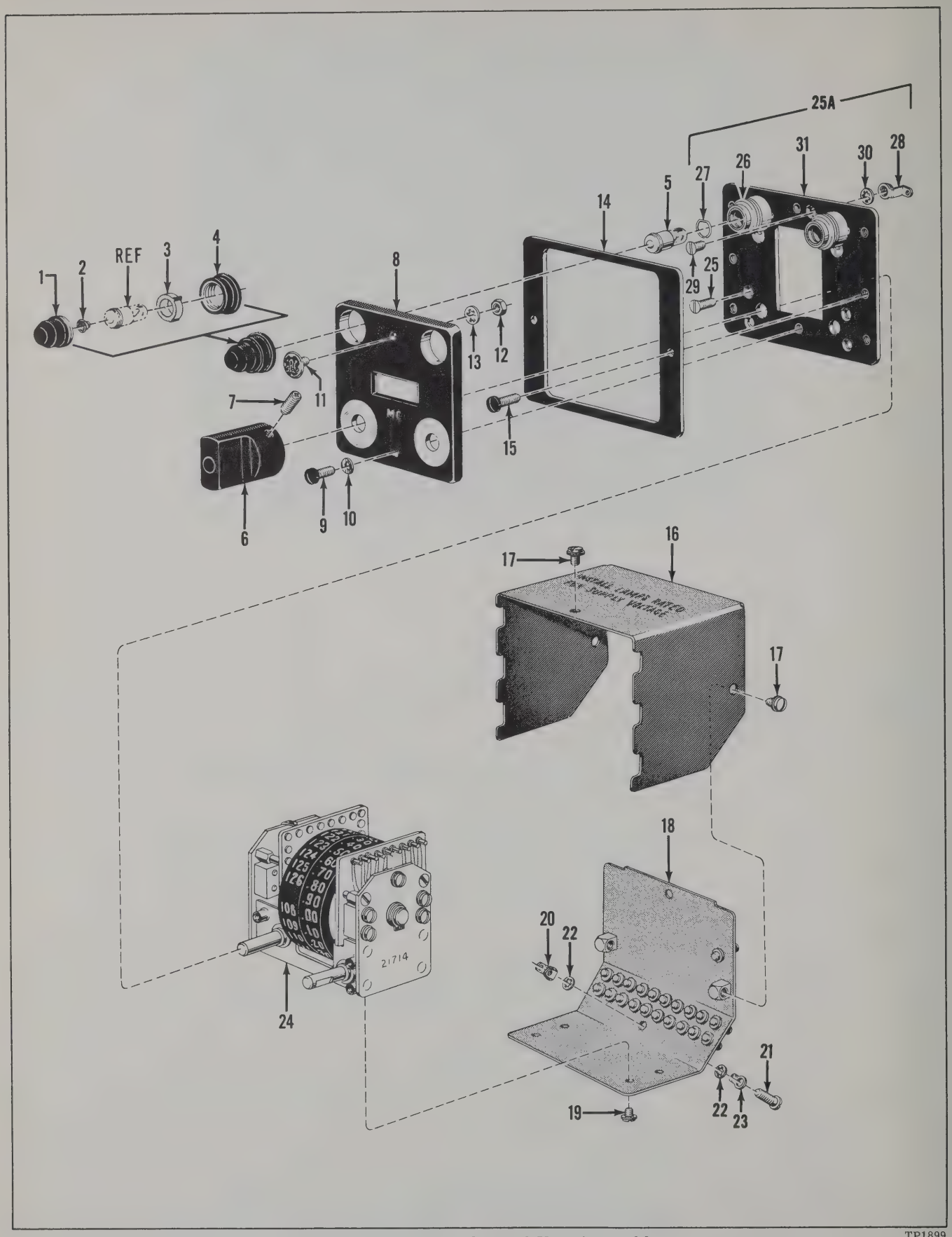
Reference Designation	Figure & Index No.	Part No.
R2	2-28	23115
S1	2-47	23727
S3	(2-28)	p/o 23115
S4	2-41	23729
S5	2-44	23728
XDS1	2-1	16293
XDS2	2-1	16293

TP1480

Figure 1. CC-11A Custom Control Unit

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	24030	SWITCH ASSEMBLY, Custom Control, ARC Type CC-11A. . . .	1
-1	—	. CAP AND SPRING ASSEMBLY (GMC)(A9305-1)(supplied with 26, Figure 2)	2
-2	—	. . SPRING, Lamp (supplied with 1, Figure 2)	1
-3	—	. RETAINER, Lamp (GMC)(A5746A)(supplied with 26, Figure 2).	2
-4	—	. RETAINER, Light (GMC)(A8898B1)(supplied with 26, Figure 2)	2
-5	8622	. LAMP, Incandescent, T-1-3/4 bulb, midget flange base, 28V, 0.04 amp (GE)(327)(used on 28V models only)	2
-5	21760	. LAMP KIT, c/o two 14V lamps (GE)(330)(used on 14V models only)	1
-6	20403	. KNOB . . . . . (ATTACHING PARTS)	2
-7	306-0016	. SETSCREW, Fluted socket dr, cup point, stl, cad pl, 6-32 by thd by 1/4 in. lg (supplied with 6, Figure 2) - - - * - - -	4
-8	23860	. PANEL, Plastic . . . . . (ATTACHING PARTS)	1
-9	113-0024	. SCREW, Machine, bind. h, brs, blk oxidized, 3-48 thd by 3/8. in. lg	1
-10	10353	. WASHER, Spring tension . . . . . - - - * - - -	1
-11	23355	. EMBLEM . . . . . (ATTACHING PARTS)	1
-12	8040	. NUT, Hexagon, brs, ni pl, 4-40 thd by 0.062 in. thk	1
-13	8497	. WASHER, Lock, sst, 0.119 ID by 0.260 OD by 0.029 in. thk (SH)(1704) - - - * - - -	1



TP1899

Figure 2. Custom Control Unit Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-14	24044	. MASK (used for metal panel mounting)	1
-14	24638	.. MASK (used for plastic panel mounting) . . . . . (ATTACHING PARTS)	1
-15	113-0028	. SCREW, Machine, bind. h, brs, blk oxidized, 3-48 thd by 7/16 in. lg - - - * - - -	2
-16	24024	. COVER . . . . . (ATTACHING PARTS)	1
-17	503-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lockwasher, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS) - - - * - - -	3
-18	24023	. PLATE, Terminal . . . . . (ATTACHING PARTS)	1
-19	502-0010	. SCREW, Assembled washer, bind. h, brs screw, sst lockwasher, ni pl, 2-56 thd by 5/32 in. lg (SH)(SEMS) - - - * - - -	4
-20	14699	. TERMINAL . . . . . (ATTACHING PARTS)	1
-21	103-0016	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/4 in. lg	1
-22	4103	. WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703) - - - * - - -	2
-23	3873	. TERMINAL	1
-24	21714	. SWITCH ASSEMBLY, Frequency selector . . . . . (ATTACHING PARTS)	1
-25	153-0020	. SCREW, Machine, fh, brs, blk oxidized, 3-48 thd by 5/16 in. lg - - - * - - -	4
-25A	23858	. PANEL ASSEMBLY.	1
-26	23861	. . LIGHT ASSEMBLY, Panel (GMC)(B8900C2)	2
-27	—	. . . SPRING, Contact (supplied with 26, Figure 2)	1
-28	12049	. . TERMINAL . . . . . (ATTACHING PARTS)	1
-29	153-0012	. . SCREW, Machine, fh, brs, blk oxidized, 3-48 thd by 3/16 in. lg	1
-30	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1703) - - - * - - -	1
-31[1]	—	. . PANEL SUBASSEMBLY.	1

[1] Nonprocurable part.

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Cap and Spring Assy	2-1	2
Panel Subassembly	2-31	1
Retainer	2-3	4
	2-4	
Spring	2-2	4
	2-27	
A5746A	2-3	Ref
A8898B1	2-4	Ref
A9305-1	2-1	Ref
B8900C2	2-26	Ref
103-0016	2-21	1
10353	2-10	1
113-0024	2-9	1
113-0028	2-15	2
12049	2-28	1
14699	2-20	1
153-0012	2-29	1
153-0020	2-25	4
1703	2-22	Ref
	2-30	
1704	2-13	Ref
20403	2-6	2

Part No.	Figure & Index No.	Total Quantity
21714	2-24	1
21760	2-5	1
23355	2-11	1
23858	2-25A	1
23860	2-8	1
23861	2-26	2
24023	2-18	1
24024	2-16	1
24030	2-	1
24044	2-14	1
24638	2-14	1
306-0016	2-7	4
327	2-5	Ref
330	2-5	Ref
3873	2-23	1
4103	2-22	3
	2-30	
502-0010	2-19	4
503-0012	2-17	3
8040	2-12	1
8497	2-13	1
8622	2-5	2

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
DS1	(2-5)	p/o 21760
DS1	2-5	8622
DS2	(2-5)	p/o 21760
DS2	2-5	8622

Reference Designation	Figure & Index No.	Part No.
S1	2-24	21714
TB1	(2-18)	p/o 24023
XDS1	2-26	23861
XDS2	2-26	23861

1 - Purp/wht
2 - Red/wht
3 - wht
4 ——
5 - gry/wht
6 - yel/wht
7 - Red/wht
8 - grn
9 - orange/wht
10 - Red/wht
11 - Blu
12 - Blu/wht
13 - oran
14 - wht
15 —
16 —
17 - Blu

MARKIN switch

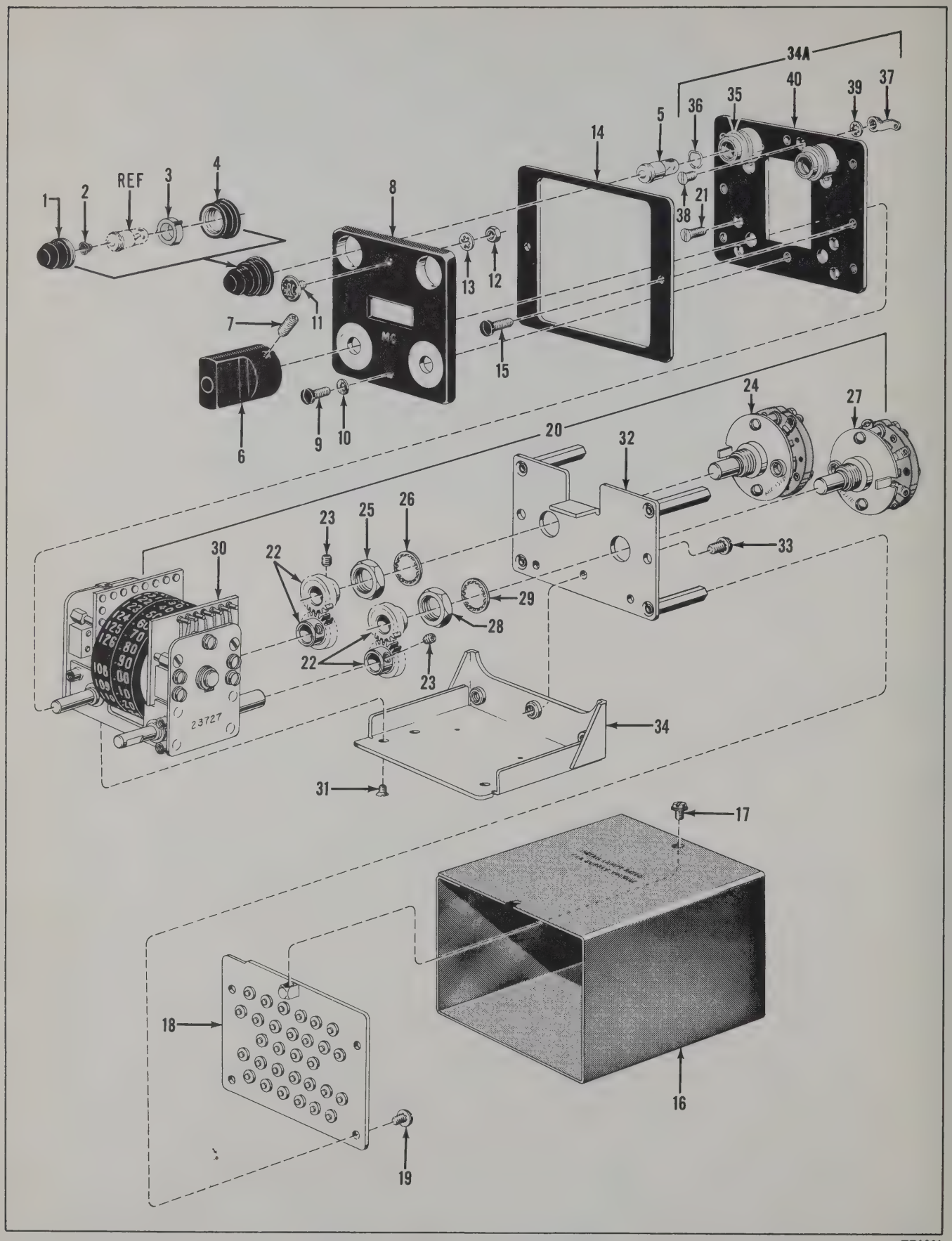
H Red/wht
I grn/wht
J - Blu/wht
K - ORN
L - yel/wht
M - Purp/wht
N gry/wht
O - wht
P - orn/wht
Q - grn
R - brn/wht
S - {gry/wht / blu
T - wht

TP1482

Figure 1. CC-12A Custom Control Unit

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	22970	SWITCH ASSEMBLY, Custom Control, ARC Type CC-12A . . .	1
-1	—	. CAP AND SPRING ASSEMBLY (GMC)(A9305-1)(supplied with 35, Figure 2)	2
-2	—	. . SPRING, Lamp (supplied with 1, Figure 2)	1
-3	—	. RETAINER, Lamp (GMC)(A5746A) (supplied with 35, Figure 2).	2
-4	—	. RETAINER, Light (GMC)(A8898B1)(supplied with 35, Figure 2)	2
-5	8622	. LAMP, Incandescent, T-1-3/4 bulb, midget flange base, 28V,. 0.04 amp (GE)(327)(used on 28V model only)	2
-5	21760	. LAMP KIT, c/o two 14V lamps (GE)(330)(used in 14V models only)	1
-6	20403	. KNOB . . . . . (ATTACHING PARTS)	2
-7	306-0016	. SETSCREW, Fluted socket dr, cup point, stl, cad pl, 6-32 thd by 1/4 in. lg (supplied with 6, Figure 2)	4
		- - - * - - -	
-8	23860	. PANEL, Plastic . . . . . (ATTACHING PARTS)	1
-9	113-0024	. SCREW, Machine, bind. h, brs, blk oxidized, 3-48 thd by 3/8. in. lg	1
-10	10353	. WASHER, Spring tension	1
		- - - * - - -	
-11	23355	. EMBLEM . . . . . (ATTACHING PARTS)	1
-12	8040	. NUT, Hexagon, brs, ni pl, 4-40 thd by 0.062 in. thk	1
-13	8497	. WASHER, Lock, sst, 0.119 ID by 0.260 OD by 0.029 in. thk (SH)(1704)	1
		- - - * - - -	



TP1901

Figure 2. Custom Control Unit Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-14	24044	. MASK (used for metal panel mounting)	1
-14	24638	. MASK (used for plastic panel mounting)	1
		(ATTACHING PARTS)	
-15	113-0028	. SCREW, Machine, bind. h, brs, blk oxidized, 3-48 thd by 7/16 in. lg	2
		- - - * - - -	
-16	23847	. COVER	1
		(ATTACHING PARTS)	
-17	503-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 3/16 in. lg (SH)(SEMS)	2
		- - - * - - -	
-18	23846	. TERMINAL BOARD.	1
		(ATTACHING PARTS)	
-19	503-0016	. SCREW, Assembled washer, bind. h, brs screw, sst lock- . washer, ni pl, 3-48 thd by 1/4 in. lg (SH)(SEMS)	4
		- - - * - - -	
-20	23852	. SWITCH ASSEMBLY.	1
		(ATTACHING PARTS)	
-21	153-0016	. SCREW, Machine, fh, brs, blk oxidized, 3-48 thd by 1/4 in. lg	4
		- - - * - - -	
-22	23589	. . GEAR, Spur.	4
		(ATTACHING PARTS)	
-23	303-0006	. . SETSCREW, Fluted socket dr, cup point, stl, cad pl, 3-48 . thd by 3/32 in. lg (supplied with 22, Figure 2)	8
		- - - * - - -	
-24	23729	. . SWITCH, Rotary (OAK)(101301F1C)	1
		(ATTACHING PARTS)	
-25	4076	. . NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk . .	1
-26	8540	. . WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-27	23728	. . SWITCH, Rotary (OAK)(101300F1C)	1
		(ATTACHING PARTS)	
-28	4076	. . NUT, Hexagon, brs, ni pl, 3/8-32 thd by 0.093 in. thk . .	1
-29	8540	. . WASHER, Lock, brz, ni pl, 0.384 ID by 0.500 OD by 0.030 in. thk (SH)(1920-02)	1
		- - - * - - -	
-30	23727	. . SWITCH ASSEMBLY, Frequency selector.	1
		(ATTACHING PARTS)	
-31	142-0008	. . SCREW, Machine, fh, brs, ni pl, 2-56 thd by 1/8 in. lg . .	4
		- - - * - - -	
-32	23831	. . BRACKET, Mounting	1
		(ATTACHING PARTS)	
-33	503-0020	. . SCREW, Assembled washer, bind. h, brs screw, sst lock-. washer, ni pl, 3-48 thd by 5/16 in. lg (SH)(SEMS)	3
		- - - * - - -	
-34	23734	. . BRACKET, Mounting.	1
-34A	23858	. PANEL ASSEMBLY.	1
-35	23861	. . LIGHT ASSEMBLY, Panel (GMC)(B8900C2).	2
-36	—	. . . SPRING, Contact (supplied with 35, Figure 2)	1
-37	12049	. . TERMINAL	1
		(ATTACHING PARTS)	
-38	153-0012	. . SCREW, Machine, fh, brs, blk oxidized, 3-48 thd by 3/16 . in. lg	1
-39	4103	. . WASHER, Lock, sst, 0.105 ID by 0.220 OD by 0.025 in. . thk (SH)(1703)	1
		- - - * - - -	
-40[1]	—	. . PANEL SUBASSEMBLY.	1

[1] Nonprocurable part.

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Cap and Spring Assy	2-1	2
Panel Subassembly	2-40	1
Retainer	2-3	4
	2-4	
Spring	2-2	4
	2-36	
A5746A	2-3	Ref
A8898B1	2-4	Ref
A9305-1	2-1	Ref
B8900C2	2-35	Ref
101300F1C	2-27	Ref
101301F1C	2-24	Ref
10353	2-10	1
113-0024	2-9	1
113-0028	2-15	2
12049	2-37	1
142-0008	2-31	4
153-0012	2-38	1
153-0016	2-21	4
1703	2-39	Ref
1704	2-13	Ref
1920-02	2-26	Ref
	2-29	
20403	2-6	2
21760	2-5	1
22970	2-	1
23355	2-11	1
23589	2-22	4

Part No.	Figure & Index No.	Total Quantity
23727	2-30	1
23728	2-27	1
23729	2-24	1
23734	2-34	1
23831	2-32	1
23846	2-18	1
23847	2-16	1
23852	2-20	1
23858	2-34A	1
23860	2-8	1
23861	2-35	2
24044	2-14	1
24638	2-14	1
303-0006	2-23	8
306-0016	2-7	4
327	2-5	Ref
330	2-5	Ref
4076	2-25	2
	2-28	
4103	2-39	1
503-0012	2-17	2
503-0016	2-19	4
503-0020	2-33	3
8040	2-12	1
8497	2-13	1
8540	2-26	2
	2-29	
8622	2-5	2

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
DS1	(2-5)	p/o 21760
DS1	2-5	8622
DS2	(2-5)	p/o 21760
DS2	2-5	8622
J1	2-18	23846

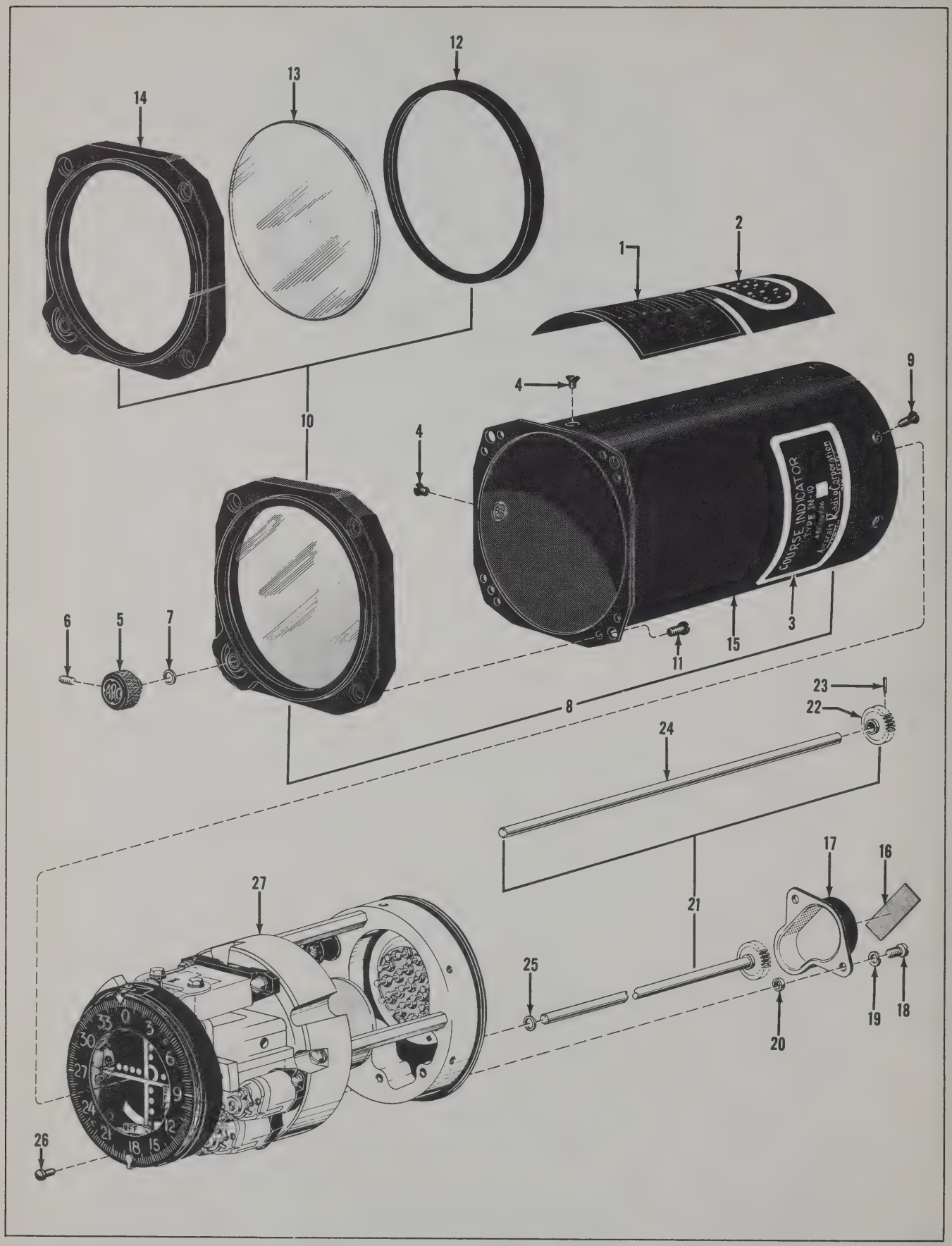
Reference Designation	Figure & Index No.	Part No.
S1	2-30	23727
S2	2-24	23729
S3	2-27	23728
XDS1	2-35	23861
XDS2	2-35	23861

TP1484

Figure 1. IN-10 Course Indicator

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	16706	INDICATOR ASSEMBLY, Course, ARC Type IN-10	1
-1	25886-0100	. DECAL, Wiring diagram (WS)(140511-001)	1
-2	25886-0101	. DECAL, Pin locating (WS)(140506-001)	1
-3	18318	. DECAL, Identification	1
-4	25886-0102	. SCREW, Machine, fil h, brs, blk oxidized, 5-40 thd by 0.090 in. lg (WS)(140503-108)	2
-5	25886-0103	. KNOB (WS)(140468-256) . . . . . (ATTACHING PARTS)	1
-6	25886-0104	. SETSCREW, Fluted socket dr, cup point, stl, 4-40 thd by 3/16 in. lg (WS)(ND26202-001)	2
		- - - * - - -	
-7	25886-0105	. WASHER, Flat, brs, 0.130 ID by 0.230 OD by 0.020 in. thk (WS)(15527-001)	1
-8	25886-0106	. CASE ASSEMBLY, Indicator (WS)(140402-001) . . . . . (ATTACHING PARTS)	1
-9	25886-0107	. SCREW, Machine, fh, brs, cad pl, 2-56 thd by 3/16 in. lg (WS) (ND33172-045)	6
		- - - * - - -	
-10	25886-0108	. . FRONT ASSEMBLY, Indicator (WS)(140406-001). . . . . (ATTACHING PARTS)	1
-11	25886-0109	. . SCREW, Machine, fh, stl, cad pl, 4-40 thd by 1/4 in. lg (WS)(ND24378-045)	8
		- - - * - - -	
-12	25886-0110	. . . BEZEL, Instrument mounting (WS)(110544-256).	1
-13	25886-0111	. . . WINDOW, Dial (WS)(109539-001)	1
-14	25886-0112	. . . FRAME, Window (WS)(140407-256)	1



TP1903

Figure 2. Course Indicator Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-15	25886-0113	. . CASE, Indicator (WS)(140403-256)	1
-16	25886-0114	. DECAL, Identification (WS)(140516-001).	1
-17	25886-0115	. COVER, Gear (WS)(140410-256)	1
		(ATTACHING PARTS)	
-18	25886-0116	. SCREW, Machine, fil h, brs, ni pl, 4-40 thd by 1/4 in. lg (WS) (ND27776-024)	2
-19	25886-0117	. WASHER, Lock, brz, ni pl, 0.115 ID by 0.195 OD by 0.025 in. thk (WS)(ND17921-024)	2
		- - - * - - -	
-20	25886-0118	. WASHER, Nonmetallic, rubber (WS)(130327-001).	2
-21	25886-0119	. GEAR,AND SHAFT ASSEMBLY, Course setting (WS) . . . . . (140465-001)	1
-22	25886-0120	. . GEAR, Spur (WS)(140467-001)	1
		(ATTACHING PART)	
-23	25886-0121	. . PIN, Grooved, headless (WS)(140011-045)	1
		- - - * - - -	
-24	25886-0197	. . SHAFT (WS)(140466-001)	1
-25	25886-0105	. WASHER, Flat, brs, 0.130 ID by 0.230 OD by 0.020 in. thk . (WS)(15527-001)	1
-26	25886-0122	. SCREW, Machine, fil h, nylon, 2-56 thd by 3/16 in. lg (WS) . (ND29281-001)	1
-27	25886-0123	. INDICATOR SUBASSEMBLY (see Figure 3)	1

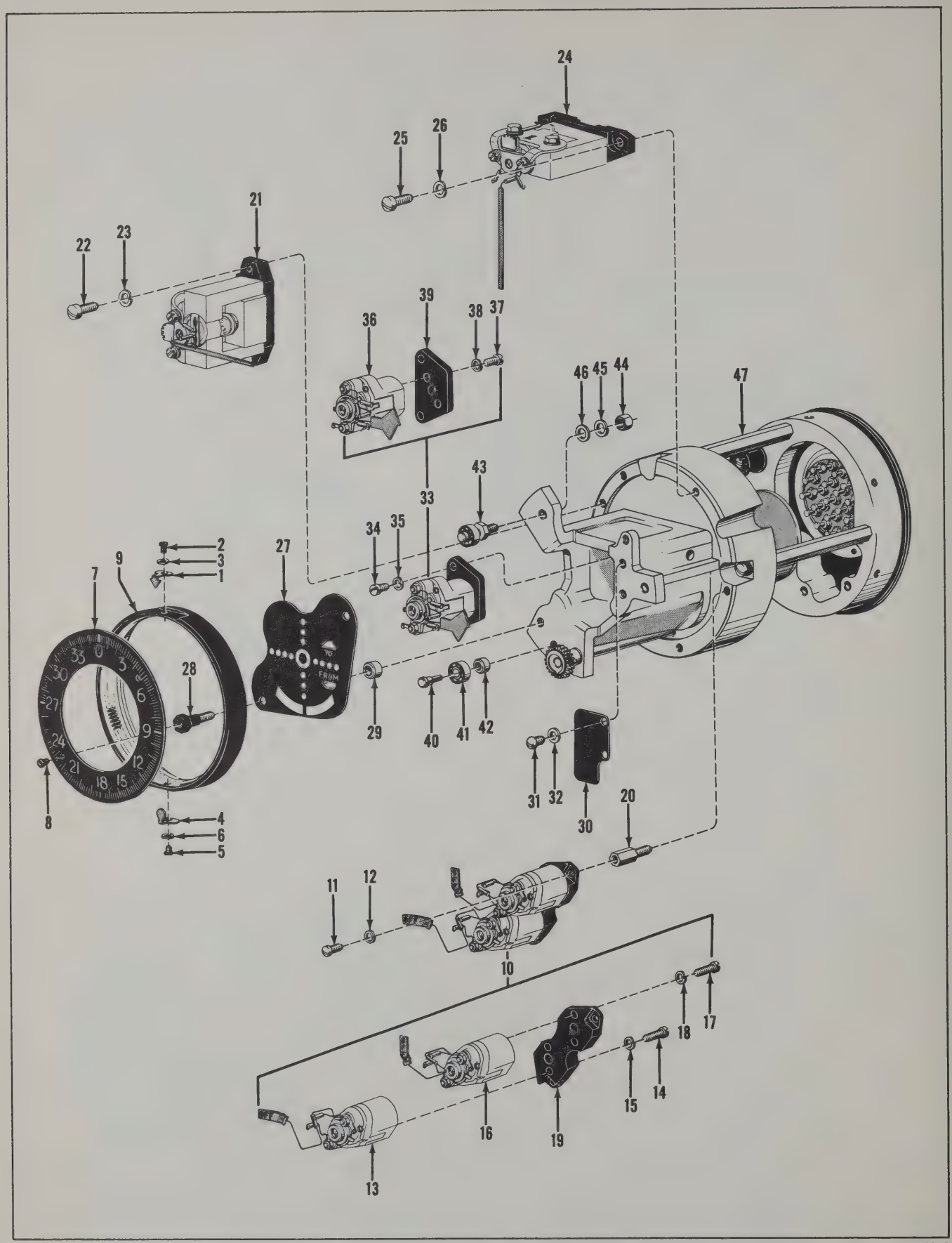
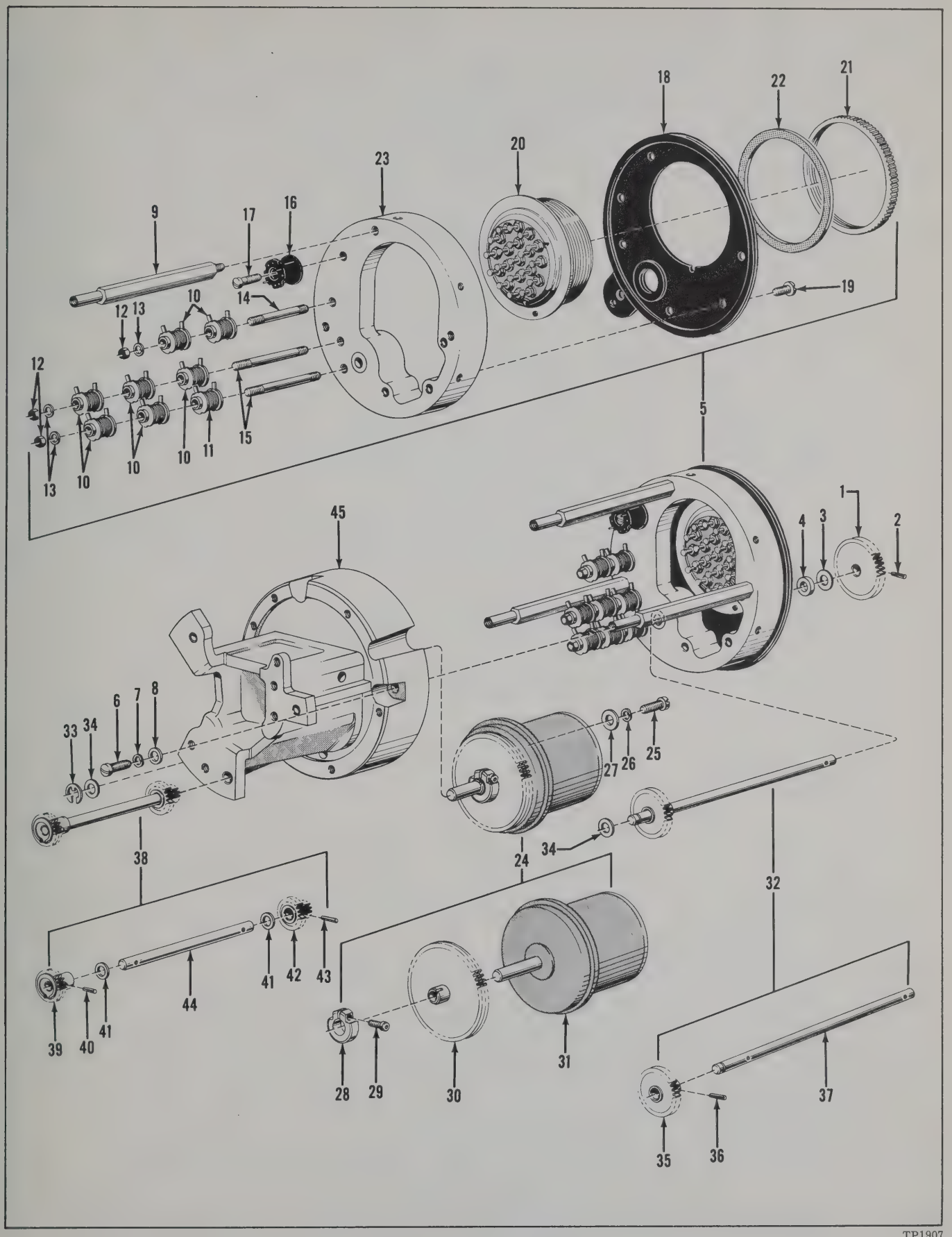


Figure 3. Course Indicator Assembly

TP1905

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
3-	25886-0123	INDICATOR SUBASSEMBLY (see 27, Figure 2)	Ref
-1	25886-0124	. MARKER, Fiducial, tip (WS)(140452-139)	1
		(ATTACHING PARTS)	
-2	25886-0125	. SCREW, Machine, fil h, brs, ni pl, 0-80 thd by 0.080 in. lg . (WS)(116968-024)	1
-3	25886-0126	. WASHER, Lock, stl, ni pl, 0.064 ID by 0.150 OD by 0.010 in.. thk (WS)(27082-024)	1
		- - - * - - -	
-4	25886-0127	. MARKER, Fiducial, tail (WS)(140453-139).	1
		(ATTACHING PARTS)	
-5	25886-0125	. SCREW, Machine, fil h, brs, ni pl, 0-80 thd by 0.080 in. lg . (WS)(116968-024)	1
-6	25886-0126	. WASHER, Lock, stl, ni pl, 0.064 ID by 0.150 OD by 0.010 in.. thk (WS)(27082-024)	1
		- - - * - - -	
-7	25886-0128	. DIAL, Compass (WS)(152482-001)	1
		(ATTACHING PARTS)	
-8	25886-0129	. SCREW, Machine, fil h, brs, blk oxidized, 0-80 thd by 0.110 . in. lg (WS)(140203-108)	2
		- - - * - - -	
-9	25886-0130	. GEAR, Internal tooth (WS)(140451-237)	1
-10	25886-0131	. METER MOVEMENTS AND BASE ASSEMBLY, Localizer and . glide slope flags	1
		(ATTACHING PARTS)	
-11	25886-0132	. SCREW, Machine, fil h, brs, ni pl, 2-56 thd by 1/4 in. lg . . (WS)(ND32122-024)	2
-12	25886-0133	. WASHER, Lock, brz, ni pl, 0.089 ID by 0.160 OD by 0.020 in. thk (WS)(27081-024)	2
		- - - * - - -	
-13	25886-0134	. . METER MOVEMENT, Localizer flag (WS) (140624-001) . .	1
		(ATTACHING PARTS)	
-14	25886-0135	. . SCREW, Machine, fil h, brs, ni pl, 2-64 thd by 3/8 in. lg . (WS)(140649-024)	2
-15	25886-0133	. . WASHER, Lock, brz, ni pl, 0.089 ID by 0.160 OD by 0.020 in. thk (WS)(27081-024)	2
		- - - * - - -	
-16	25886-0136	. . METER MOVEMENT, Glide slope flag (WS)(140631-001) . .	1
		(ATTACHING PARTS)	
-17	25886-0135	. . SCREW, Machine, fil h, brs, ni pl, 2-64 thd by 3/8 in. lg . (WS)(140649-024)	2
-18	25886-0133	. . WASHER, Lock, brz, ni pl, 0.089 ID by 0.160 OD by 0.020 in. thk (WS)(27081-024)	2
		- - - * - - -	
-19	25886-0137	. . BASE, Mounting (WS)(140622-001)	1
-20	25886-0138	. SUPPORT, Base (WS)(140623-024)	2
-21	25886-0139	. METER MOVEMENT, Glide slope (WS)(140475-001)	1
		(ATTACHING PARTS)	
-22	25886-0140	. SCREW, Machine, fil h, brs, cad pl, 6-32 thd by 0.312 in. lg. (WS)(ND20931-045)	2
-23	25886-0141	. WASHER, Lock, brs, ni pl, 0.143 ID by 0.237 OD by 0.031 in. thk (WS)(ND22231-024)	2
		- - - * - - -	
-24	25886-0142	. METER MOVEMENT, Localizer (WS)(140469-001)	1
		(ATTACHING PARTS)	
-25	25886-0140	. SCREW, Machine, fil h, brs, cad pl, 6-32 thd by 0.312 in. lg. (WS)(ND20931-045)	2
-26	25886-0141	. WASHER, Lock, brs, ni pl, 0.143 ID by 0.237 OD by 0.031 in. thk (WS)(ND22231-024)	2
		- - - * - - -	
-27	25886-0143	. MASK, Dial (WS)(152480-001)	1

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
		(ATTACHING PARTS)	
3-28	25886-0144	. SUPPORT, Compass dial (WS)(140461-141)	2
-29	25886-0145	. SPACER, Sleeve (WS)(140460-001)	2
		- - - * - - -	
-30	25886-0146	. PLATE, Backing, mask (WS)(140454-256).	1
		(ATTACHING PARTS)	
-31	25886-0147	. SCREW, Machine, rh, brs, blk oxidized, 4-40 thd by 3/16 in.. lg (WS)(ND21178-108)	2
-32	25886-0148	. WASHER, Lock, stl, ni pl, 0.115 ID by 0.218 OD by 0.018 in . thk (WS)(ND21895-024)	2
		- - - * - - -	
-33	25886-0149	. METER MOVEMENT AND BASE ASSEMBLY, Ambiguity . . .	1
-34	25866-0150	. SCREW, Machine, fil h, brs, cad pl, 2-56 thd by 1/4 in. lg . (WS)(ND32122-045)	2
-35	25886-0133	. WASHER, Lock, brz, ni pl, 0.089 ID by 0.160 OD by 0.020 in. thk (WS)(27081-024)	2
		- - - * - - -	
-36	25886-0151	. . METER MOVEMENT, Ambiguity (WS)(140638-001)	1
		(ATTACHING PARTS)	
-37	25886-0152	. . SCREW, Machine, fil h, brs, ni pl, 2-56 thd by 0.220 in. lg (WS)(105168-024)	2
-38	25886-0133	. . WASHER, Lock, brz, ni pl, 0.089 ID by 0.160 OD by 0.020 in thk (WS)(27081-024)	2
		- - - * - - -	
-39	25886-0153	. . BASE, Mounting (WS)(140464-001)	1
-40	25886-0154	. SHAFT, Bearing (WS)(140500-001)	1
-41	25886-0155	. BEARING, Ball (WS)(140445-001).	1
-42	25886-0156	. SPACER, Sleeve (WS)(140447-001)	1
-43	25886-0157	. BALL BEARING AND ECCENTRIC SHAFT ASSEMBLY (WS) . (140448-001)	2
		(ATTACHING PARTS)	
-44	25886-0198	. NUT, Hexagon, brs, ni pl, 0.125-40 thd by 0.110 in. thk (WS). (331-024)	2
-45	25886-0158	. WASHER, Lock, stl, ni pl, 0.138 ID by 0.231 OD by 0.015 in.. thk (WS)(27083-024)	2
-46	25886-0159	. WASHER, Flat, brs, ni pl, 0.130 ID by 0.230 OD by 0.035 in.. thk (WS)(121531-024)	2
		- - - * - - -	
-47	25886-0160	. FRAME ASSEMBLY (see Figure 4)	1



TP1907

Figure 4. Frame Assembly

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
4-	25886-0160	FRAME ASSEMBLY, Indicator (see 47, Figure 3).	Ref
-1	25886-0161	. GEAR, Spur (WS)(140426-001)	1
		(ATTACHING PARTS)	
-2	25886-0121	. PIN, Grooved, headless (WS)(140011-045).	1
		- - - * - - -	
-3	25886-0162	. WASHER, Flat, brs, 0.165 ID by 0.320 OD by 0.0159 in. thk . (WS)(24373-001)	1
-4	25886-0163	. GASKET, "O" Ring, rubber, 0.165 ID by 0.280 OD by 0.062 . in. thk (WS)(ND27323)	1
-5	25886-0164	. FRAME SUBASSEMBLY, Rear.	1
		(ATTACHING PARTS)	
-6	25886-0165	. SCREW, Machine, fil h, brs, ni pl, 4-40 thd by 0.300 in. lg . (WS)(121663-024)	3
-7	25886-0166	. WASHER, Lock, brz, ni pl, 0.115 ID by 0.209 OD by 0.031 in. thk (WS)(ND22637-024)	3
-8	25886-0167	. WASHER, Flat, brs, ni pl, 0.130 ID by 0.230 OD by 0.020 in.. thk (WS)(15527-024)	3
		- - - * - - -	
-9	25886-0168	. . STUD, Extension (WS)(140418-024).	3
-10	25886-0169	. . SPOOL, Wound, 800 ohms (WS)(140216-001)	7
-11	25886-0170	. . SPOOL, Wound, 900 ohms (WS)(140217-001)	1
		(ATTACHING PARTS)	
-12	25886-0171	. . NUT, Hexagon, brs, ni pl, 2-64 thd by 0.080 in. thk (WS) . (117997-024)	3
-13	25886-0133	. . WASHER, Lock, brz, ni pl, 0.089 ID by 0.160 OD by 0.020 in. thk (WS)(27081-024)	3
		- - - * - - -	
-14	25886-0172	. . STUD, Plain, spool (WS)(140265-024).	1
-15	25886-0173	. . STUD, Plain, spool (WS)(140266-024)	2
-16	25886-0174	. . SPOOL, Wound, 2500 ohms (WS)(60118-001)	1
		(ATTACHING PART)	
-17	25886-0175	. . SCREW, Machine, special, fil h, brs, cad pl, 2-56 thd by . 0.320 in. lg (WS)(102401-045)	1
		- - - * - - -	
-18	25886-0176	. . PLATE, Rear (WS)(140412-001)	1
		(ATTACHING PARTS)	
-19	25886-0177	. . SCREW, Machine, bind. h, brs, cad pl, 4-40 thd by 1/4 in. lg (WS)(ND24126-045)	4
		- - - * - - -	
-20	16711	. . CONNECTOR, Receptacle, electrical	1
		(ATTACHING PARTS)	
-21	5310	. . NUT, Round, knurled, brs, ni pl, 1-5/8-24 thd by 0.109 in. thk (supplied with 20, Figure 4)	1
-22	25886-0178	. . GASKET, Nonmetallic (WS)(140501-001)	1
		- - - * - - -	
-23	25886-0179	. . BASE (WS)(140414-001).	1
-24	25886-0180	. SYNCHRO ASSEMBLY, Resolver (WS)(140437-001).	1
		(ATTACHING PARTS)	
-25	25886-0181	. SCREW, Machine, fil h, brs, cad pl, 4-40 thd by 3/8 in. lg . (WS)(ND27395-045)	3
-26	25886-0117	. WASHER, Lock, brz, ni pl, 0.115 ID by 0.195 OD by 0.025 in. thk (WS)(ND17921-024)	3
-27	25886-0182	. WASHER, Flat, 0.109 ID by 0.312 OD by 0.031 in. thk	3
		- - - * - - -	
-28	25886-0183	. . CLAMP, Collar (WS)(140443-024)	1
		(ATTACHING PARTS)	
-29	25886-0184	. . SETSCREW, Hexagon socket h, stl, ni pl, 3-56 thd by 1/4 . in. lg (WS)(ND26203-024)	1
		- - - * - - -	
-30	25886-0185	. . GEAR, Spur (WS)(140439-001).	1

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
4-31	25886-0186	. . SYNCHRO, Resolver, (WS)(140438-001)	1
-32	25886-0187	. GEAR AND SHAFT ASSEMBLY, Intermediate (WS)(140427-001) (ATTACHING PARTS)	1
-33	25886-0188	. RING, Retaining (WS)(ND34930-045)	1
-34	25886-0189	. WASHER, Flat, brz, ni pl, 0.168 ID by 0.270 OD by 0.005 in.. thk (WS)(101991-024)	AR
		- - - * - - -	
-35	25886-0190	. . GEAR, Spur (WS)(140428-001). . . . . (ATTACHING PART)	1
-36	25886-0121	. . PIN, Grooved, headless (WS)(140011-045)	1
		- - - * - - -	
-37	25886-0191	. . SHAFT, (WS)(140429-001).	1
-38	25886-0192	. GEAR AND SHAFT ASSEMBLY, Pointer (WS)(140430-001) . .	1
-39	25886-0193	. . GEAR, Spur (WS)(140431-001). . . . . (ATTACHING PARTS)	1
-40	25886-0121	. . PIN, Grooved, headless (WS)(140011-045)	1
		- - - * - - -	
-41	25886-0105	. . WASHER, Flat, brs, 0.130 ID by 0.230 OD by 0.020 in. thk (WS)(15527-001)	2
-42	25886-0194	. . GEAR CLUSTER, Spur (WS)(140433-001) . . . . . (ATTACHING PARTS)	1
-43	25886-0121	. . PIN, Grooved, headless (WS)(140011-045)	1
		- - - * - - -	
-44	25886-0195	. . SHAFT (WS)(140436-001)	1
-45	25886-0196	. FRAME SUBASSEMBLY, Forward (WS)(140515-001)	1

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
ND17921-024	2-19	Ref
	4-26	
ND20931-045	3-22	Ref
	3-25	
ND21178-108	3-31	Ref
ND21895-024	3-32	Ref
ND22231-024	3-23	Ref
	3-26	
ND22637-024	4-7	Ref
ND24126-045	4-19	Ref
ND24378-045	2-11	Ref
ND26202-001	2-6	Ref
ND26203-024	4-29	Ref
ND27323	4-4	Ref
ND27395-045	4-25	Ref
ND27776-024	2-18	Ref
ND29281-001	2-26	Ref
ND32122-024	3-11	Ref
ND32122-045	3-34	Ref
ND33172-045	2-9	Ref
ND34930-045	4-33	Ref
101991-024	4-34	Ref
102401-045	4-17	Ref
105168-024	3-37	Ref
109539-001	2-13	Ref
110544-256	2-12	Ref
116968-024	3-2	Ref
	3-5	
117997-024	4-12	Ref
121531-024	3-46	Ref
121663-024	4-6	Ref
130327-001	2-20	Ref
140011-045	2-23	Ref
	4-2	
	4-36	
	4-40	
	4-43	
140203-108	3-8	Ref
140216-001	4-10	Ref
140217-001	4-11	Ref
140265-024	4-14	Ref
140266-024	4-15	Ref
140402-001	2-8	Ref
140403-256	2-15	Ref
140406-001	2-10	Ref
140407-256	2-14	Ref
140410-256	2-17	Ref
140412-001	4-18	Ref
140414-001	4-23	Ref
140418-024	4-9	Ref
140426-001	4-1	Ref
140427-001	4-32	Ref
140428-001	4-35	Ref
140429-001	4-37	Ref
140430-001	4-38	Ref
140431-001	4-39	Ref
140433-001	4-42	Ref
140436-001	4-44	Ref
140437-001	4-24	Ref
140438-001	4-31	Ref

Part No.	Figure & Index No.	Total Quantity
140439-001	4-30	Ref
140443-024	4-28	Ref
140445-001	3-41	Ref
140447-001	3-42	Ref
140448-001	3-43	Ref
140451-237	3-9	Ref
140452-139	3-1	Ref
140453-139	3-4	Ref
140454-256	3-30	Ref
140460-001	3-29	Ref
140461-141	3-28	Ref
140464-001	3-39	Ref
140465-001	2-21	Ref
140466-001	2-24	Ref
140467-001	2-22	Ref
140468-256	2-5	Ref
140469-001	3-24	Ref
140475-001	3-21	Ref
140500-001	3-40	Ref
140501-001	4-22	Ref
140503-108	2-4	Ref
140506-001	2-2	Ref
140511-001	2-1	Ref
140515-001	4-45	Ref
140516-001	2-16	Ref
140622-001	3-19	Ref
140623-024	3-20	Ref
140624-001	3-13	Ref
140631-001	3-16	Ref
140638-001	3-36	Ref
140649-024	3-14	Ref
	3-17	
152480-001	3-27	Ref
152482-001	3-7	Ref
15527-001	2-7	Ref
	2-25	
	4-41	
15527-024	4-8	Ref
16706	2-	1
16711	4-20	1
18318	2-3	1
24373-001	4-3	Ref
25886-0100	2-1	1
25886-0101	2-2	1
25886-0102	2-4	2
25886-0103	2-5	1
25886-0104	2-6	2
25886-0105	2-7	4
	2-25	
	4-41	
25886-0106	2-8	1
25886-0107	2-9	6
25886-0108	2-10	1
25886-0109	2-11	8
25886-0110	2-12	1
25886-0111	2-13	1
25886-0112	2-14	1
25886-0113	2-15	1
25886-0114	2-16	1
25886-0115	2-17	1

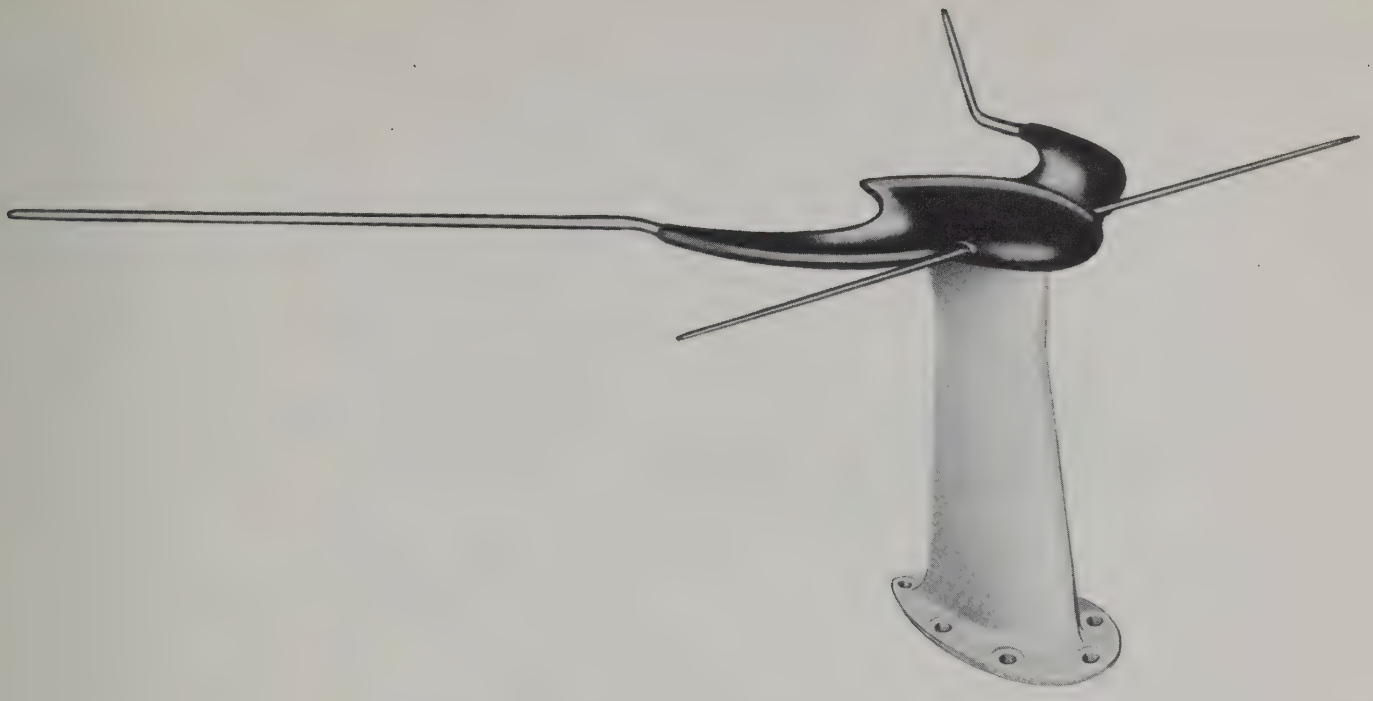
NUMERICAL INDEX - Continued

Part No.	Figure & Index No.	Total Quantity
25886-0116	2-18	2
25886-0117	2-19	5
	4-26	
25886-0118	2-20	2
25886-0119	2-21	1
25886-0120	2-22	1
25886-0121	2-23	5
	4-2	
	4-36	
	4-40	
	4-43	
25886-0122	2-26	1
25886-0123	2-27	1
25886-0124	3-1	1
25886-0125	3-2	2
	3-5	
25886-0126	3-3	2
	3-6	
25886-0127	3-4	1
25886-0128	3-7	1
25886-0129	3-8	2
25886-0130	3-9	1
25886-0131	3-10	1
25886-0132	3-11	2
25886-0133	3-12	13
	3-15	
	3-18	
	3-35	
	3-38	
	4-13	
25886-0134	3-13	1
25886-0135	3-14	4
	3-17	
25886-0136	3-16	1
25886-0137	3-19	1
25886-0138	3-20	2
25886-0139	3-21	1
25886-0140	3-22	4
	3-25	
25886-0141	3-23	4
	3-26	
25886-0142	3-24	1
25886-0143	3-27	1
25886-0144	3-28	2
25886-0145	3-29	2
25886-0146	3-30	1
25886-0147	3-31	2
25886-0148	3-32	2
25886-0149	3-33	1
25886-0150	3-34	2
25886-0151	3-36	1
25886-0152	3-37	2
25886-0153	3-39	1
25886-0154	3-40	1
25886-0155	3-41	1

Part No.	Figure & Index No.	Total Quantity
25886-0156	3-42	1
25886-0157	3-43	2
25886-0158	3-45	2
25886-0159	3-46	2
25886-0160	3-47	1
25886-0161	4-1	1
25886-0162	4-3	1
25886-0163	4-4	1
25886-0164	4-5	1
25886-0165	4-6	3
25886-0166	4-7	3
25886-0167	4-8	3
25886-0168	4-9	3
25886-0169	4-10	7
25886-0170	4-11	1
25886-0171	4-12	3
25886-0172	4-14	1
25886-0173	4-15	2
25886-0174	4-16	1
25886-0175	4-17	1
25886-0176	4-18	1
25886-0177	4-19	4
25886-0178	4-22	1
25886-0179	4-23	1
25886-0180	4-24	1
25886-0181	4-25	3
25886-0182	4-27	3
25886-0183	4-28	1
25886-0184	4-29	1
25886-0185	4-30	1
25886-0186	4-31	1
25886-0187	4-32	1
25886-0188	4-33	1
25886-0189	4-34	AR
25886-0190	4-35	1
25886-0191	4-37	1
25886-0192	4-38	1
25886-0193	4-39	1
25886-0194	4-42	1
25886-0195	4-44	1
25886-0196	4-45	1
25886-0197	2-24	1
25886-0198	3-44	2
27081-024	3-12	Ref
	3-15	
	3-18	
	3-35	
	3-38	
	4-13	
27082-024	3-3	Ref
	3-6	
27083-024	3-45	Ref
331-024	3-44	Ref
5310	4-21	1
60118-001	4-16	Ref

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
J1601	4-20	16711
R1601	4-16	25886-0174
R1602	4-10	25886-0169
R1603	4-10	25886-0169
R1604	4-10	25886-0169
R1605	4-10	25886-0169
R1606	4-10	25886-0169
R1607	4-10	25886-0169
R1608	4-10	25886-0169
R1609	4-11	25886-0170

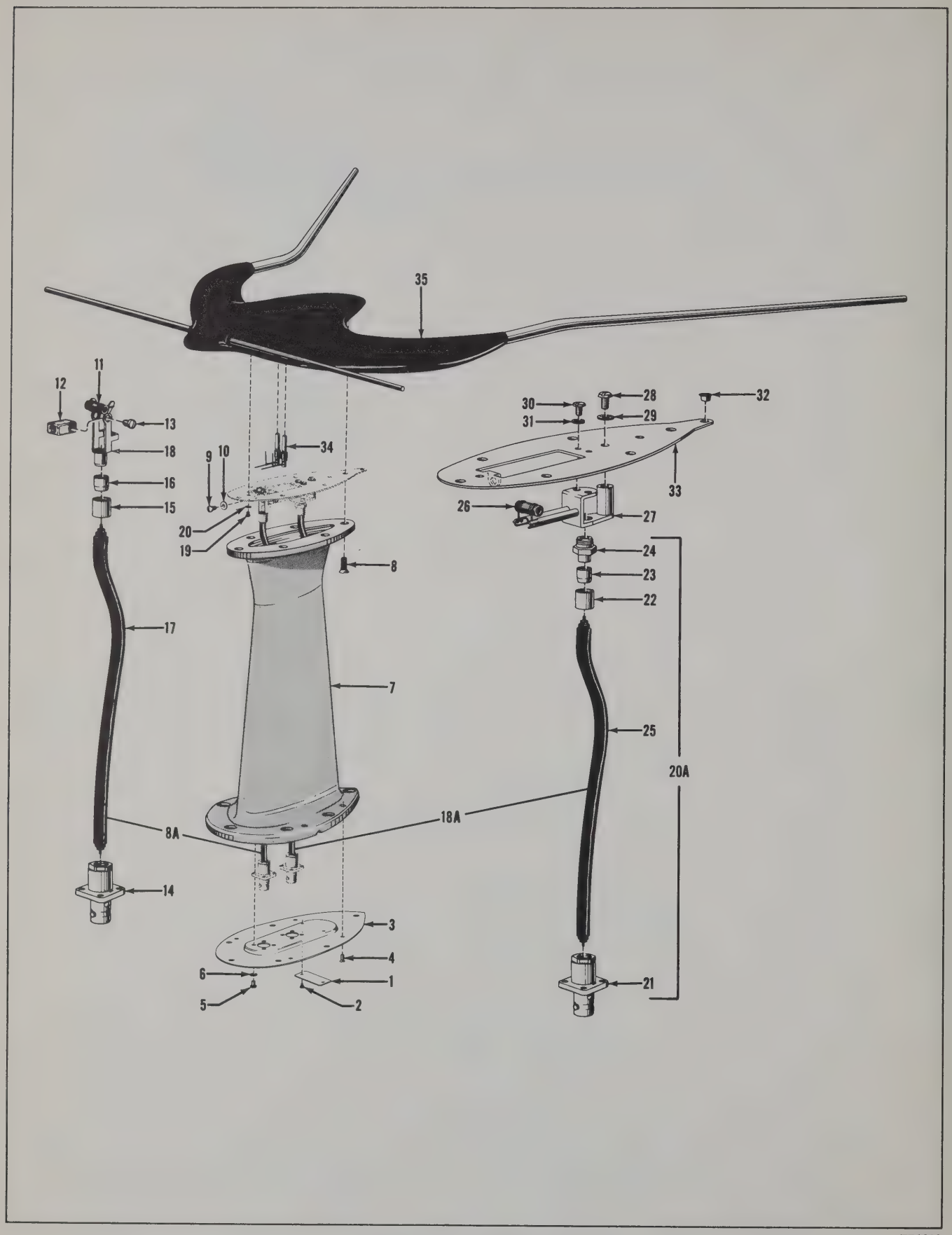


TP1316

Figure 1. A-13B Antenna

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	15823	ANTENNA ASSEMBLY, ARC Type A-13B	1
-1	—	. PLATE, Identification	1
		(ATTACHING PARTS)	
-2	8081	. SCREW, Tapping, thread-forming, rh, Phillips dr, stl, blk . Parkerized, No. 2 by 5/32 in. lg (PK)(Z)	2
		- - - * - - -	
-3	15578	. PLATE, Base	1
		(ATTACHING PARTS)	
-4	142-0016	. SCREW, Machine, fh, brs, ni pl, 2-56 thd by 1/4 in. lg . . .	4
-5	8264	. SCREW, Machine, bind. h, brs, ni pl, 3-56 thd by 3/16 in. lg.	8
-6	4558	. WASHER, Lock, brz, ni pl, 0.105 ID by 0.220 OD by 0.025 in. thk (SH)(1903)	8
		- - - * - - -	
-7	15575	. SUPPORT, Antenna (shells of connectors 14 and 21, Figure 2 . must be removed before antenna support)	1
		(ATTACHING PARTS)	
-8	8574	. SCREW, Tapping, thread-forming, fh, stl, cad pl, No. 8 by . 1/2 in. lg (PK)(Z)	6
		- - - * - - -	
-8A	15577	. COUPLER, Antenna, glide path	1
		(ATTACHING PARTS)	
-9	103-0016	. SCREW, Machine, bind. h, brs, ni pl, 3-48 thd by 1/4 in. lg .	1
-10	12924	. WASHER, Nonmetallic, rubber, 0.104 ID by 0.297 OD by . . 0.008 in. thk	1
		- - - * - - -	



TP1909

Figure 2. Antenna Assembly

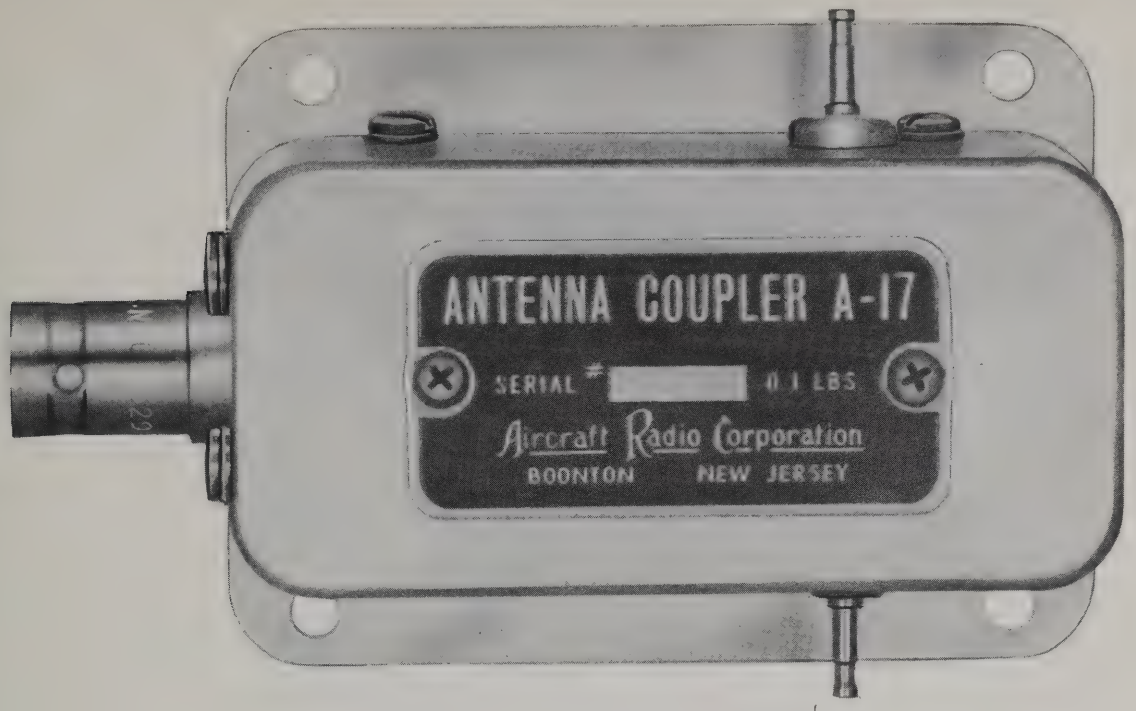
Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-11	8591	. . CAPACITOR, Fixed, ceramic, 12 μμf ±5 per cent, 500 vdcw (CN)(TU20-120J-S1G)	1
-12	15565	. . INSULATOR, Ceramic (ATTACHING PARTS)	1
-13	102-0008	. . SCREW, Machine bind. h, brs, ni pl, 2-56 thd by 1/8 in. lg	2
		- - - * - - -	
-14	13787	. . CONNECTOR, Receptacle, electrical, type UG-291/U	1
-15	16724	. . COLLAR, Cable	1
-16	16723	. . BEARING, Sleeve	1
-17	11318	. . CABLE, Radio frequency, 11-3/8 in. lg, type RG-58/U	AR
-18	15574	. . BRACKET.	1
-18A	15572	. COUPLER, Antenna, VOR (ATTACHING PARTS)	1
-19	162-0010	. SCREW, Machine, fil h, brs, ni pl, 2-56 thd by 5/32 in. lg	2
-20	7001	. WASHER, Lock, brz, ni pl, 0.092 ID by 0.180 OD by 0.020 in. thk (SH)(1902)	2
		- - - * - - -	
-20A	15571	. . CABLE ASSEMBLY, RF	1
-21	13787	. . . CONNECTOR, Receptacle, electrical, type UG-291/U.	1
-22	16724	. . . COLLAR, Cable.	1
-23	16723	. . . BEARING, Sleeve	1
-24	14778	. . . BUSHING, Electrical conductor	1
-25	11318	. . . CABLE, Radio frequency, 11-3/8 in. lg, type RG-58/U	AR
-26	8541	. . CAPACITOR, Fixed, ceramic, 100 μμf ±2 per cent, 500 vdcw (CN)(TU30-101G-U2J)(used on models with coupling unit resonant frequency set at 108 mc)	1
-26	8770-0910	. . CAPACITOR, Fixed, ceramic, 91 μμf ±5 per cent, 500 vdcw type CC30UJ910J (used on models with coupling unit resonant frequency set at 114 mc)	1
-27	15715	. . BRACKET. (ATTACHING PARTS)	1
-28	104-0016	. . SCREW, Machine, bind. h, brs, ni pl, 4-40 thd by 1/4 in. lg	1
-29	4242	. . WASHER, Lock, brz, ni pl, 0.119 ID by 0.260 OD by 0.028 in. thk (SH)(1904)	1
-30	102-0010	. . SCREW, Machine, bind. h, brs, ni pl, 2-56 thd by 5/32 in. lg	2
-31	7001	. . WASHER, Lock, brz, ni pl, 0.092 ID by 0.180 OD by 0.020 in. thk (SH)(1902)	2
		- - - * - - -	
-32	4172	. . EYELET, Brass, gold pl (AR)(909)	1
-33	14687	. . PLATE, Mounting	1
-34	15786	. COIL, RF	2
-35	15576	. ANTENNA (CMMU)(A27-03E)	1

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
Plate	2-1	1
A27-03E	2-35	Ref
CC30UJ910J	2-26	Ref
RG-58/U	2-17	Ref
	2-25	
TU20-120J-S1G	2-11	Ref
TU30-101G-U2J	2-26	Ref
UG-291/U	2-14	Ref
	2-21	
102-0008	2-13	2
102-0010	2-30	2
103-0016	2-9	1
104-0016	2-28	1
11318	2-17	AR
	2-25	
12924	2-10	1
13787	2-14	2
	2-21	
142-0016	2-4	4
14687	2-33	1
14778	2-24	1
15565	2-12	1
15571	2-20A	1
15572	2-18A	1
15574	2-18	1
15575	2-7	1
15576	2-35	1
15577	2-8A	1
15578	2-3	1
15715	2-27	1
15786	2-34	2
15823	2-	1
162-0010	2-19	2
16723	2-16	2
	2-23	
16724	2-15	2
	2-22	
1902	2-20	Ref
	2-31	
1903	2-6	Ref
1904	2-29	Ref
4172	2-32	1
4242	2-29	1
4558	2-6	8
7001	2-20	4
	2-31	
8081	2-2	2
8264	2-5	8
8541	2-26	1
8574	2-8	6
8591	2-11	1
8770-0910	2-26	1
909	2-32	Ref

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
C801	2-26	8451
C801	2-26	8770-0910
C802	2-11	8591
J801	2-21	13787
J802	2-14	13787
L801	2-34	15786
L802	2-34	15786
W801	2-25	11318
W802	2-17	11318



TP1486

Figure 1. A-17 Antenna Coupler

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
2-	17300	COUPLER ASSEMBLY, Antenna, ARC Type A-17	1
-1	17309	. BASE, Mounting	1
		(ATTACHING PARTS)	
-2	513-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, blk oxidized, 3-48 thd by 3/16 in. lg (SH) (SEMS)	4
		- - - * - - -	
-3	8707	. CAPACITOR, Fixed, ceramic, 90 $\mu\mu$f ±2 per cent, 500 vdcw (CN)(TU30-900G-U2J)	1
-4	17313	. COUPLER, Antenna	1
		(ATTACHING PARTS)	
-5	8699-0012	. SCREW, Assembled washer, bind. h, brs screw, sst lock-washer, ni pl, 3-56 thd by 3/16 in. lg (SH)(SEMS)	4
		- - - * - - -	
-6	17306	. TERMINAL	2
-7	17305	. PLATE, Identification.	1
		(ATTACHING PARTS)	
-8	8081	. SCREW, Tapping, thread-forming, rh, Phillips dr, stl, blk Parkerized, No. 2 by 5/32 in. lg (PK)(Z)	2
		- - - * - - -	
-9	17308	. BOX, Antenna coupler	1

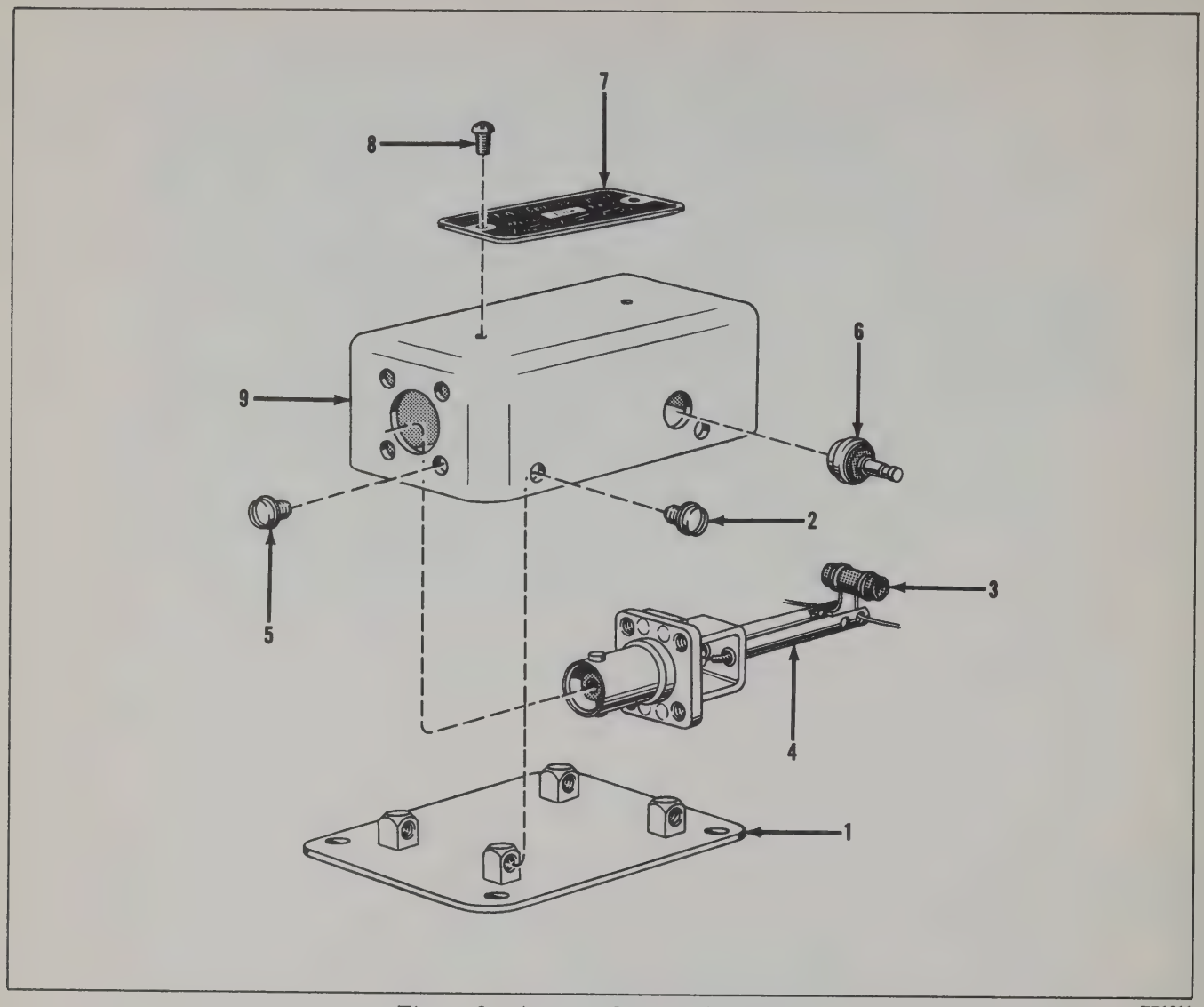


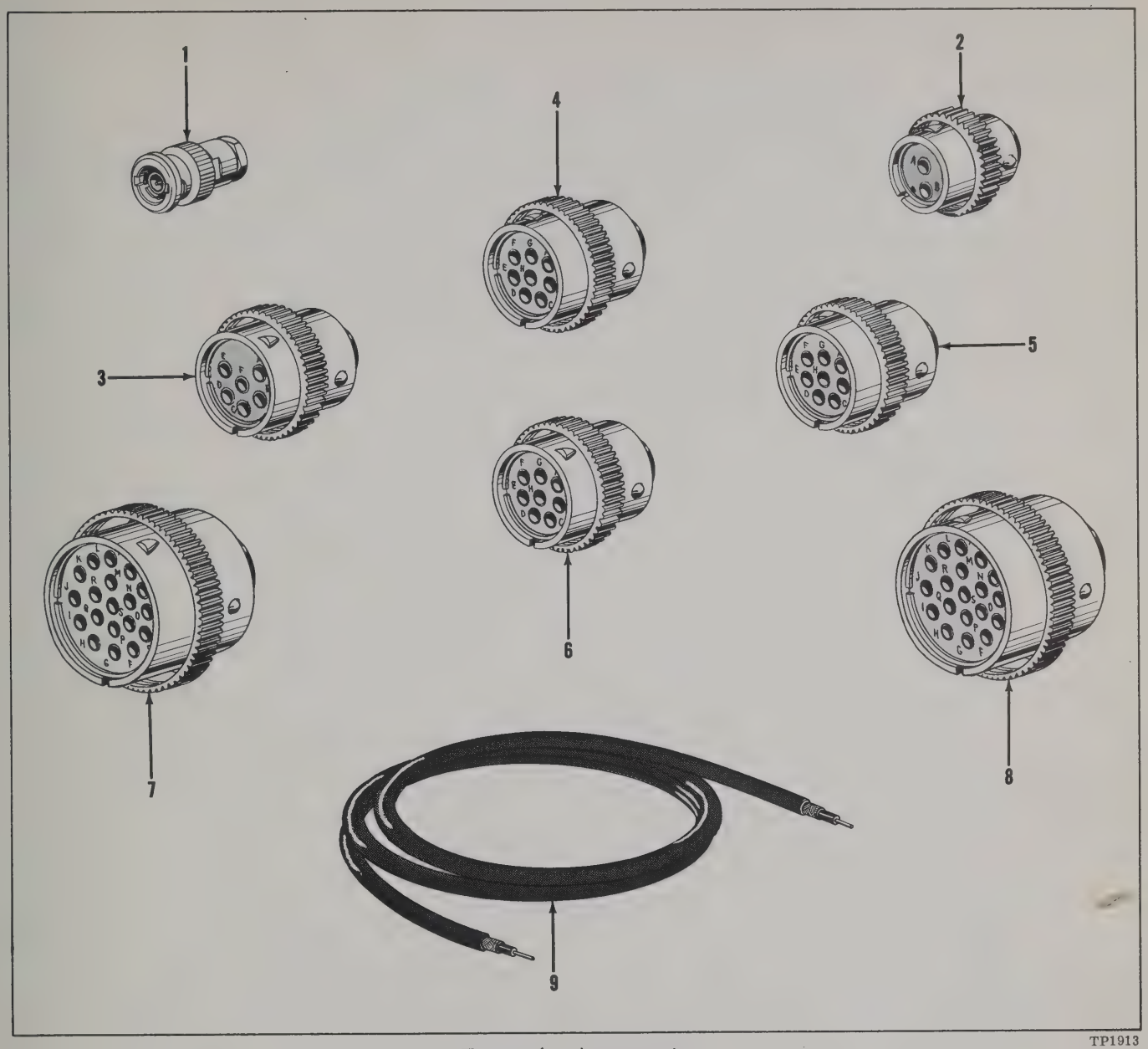
Figure 2. Antenna Coupler Assembly TP1911

NUMERICAL INDEX

Part No.	Figure & Index No.	Total Quantity
TU30-900G-U2J	2-3	Ref
17300	2-	1
17305	2-7	1
17306	2-6	2
17308	2-9	1
17309	2-1	1
17313	2-4	1
513-0012	2-2	4
8081	2-8	2
8699-0012	2-5	4
8707	2-3	1

REFERENCE DESIGNATION INDEX

Reference Designation	Figure & Index No.	Part No.
C1	2-3	8707
J1	(2-4)	p/o 17313



TP1913

Figure 1. Accessories

PARTS LIST

Figure & Index No.	ARC Part No.	1 2 3 4 5 6 Description	Units per Assy
1-	—	ACCESSORIES, ARC Type 15F VHF Navigation Equipment	Ref
-1	11337	. CONNECTOR, Plug, electrical, type UG-88C/U (units per assembly (2) for single-unit rack)	4
-2	14321	. CONNECTOR, Plug, electrical (used with single-unit rack only)	1
-3	15911	. CONNECTOR, Plug, electrical (used with dual-unit rack only).	1
-4	14050	. CONNECTOR, Plug, electrical	2
-5	15912	. CONNECTOR, Plug, electrical	1
-6	16210	. CONNECTOR, Plug, electrical (used with dual-unit rack only).	1
-7	16115	. CONNECTOR, Plug, electrical	2
-8	14320	. CONNECTOR, Plug, electrical	1
-9	11318	. CABLE, Radio frequency, 20 ft. lg, type RG-58/U	AR

MASTER NUMERICAL INDEX

Part No.	Unit	Figure & Index No.
Cap and Spring Assy	CC-11A	2-1
	CC-12A	2-1
Capacitor	B-13A-1	4-53
Frame	M-10	2-9
	M-25	2-9
Frame Assy	IN-10	3-47
		4-
Frame Subassy	IN-10	4-5
Gearing Subassy	R-34A	2-44
Grommet	C-81A	2-3
	C-88A	2-3
Indicator Subassy	IN-10	2-27
		3-
Interconnecting Box Subassy	R-34A	6-129
Lamp Housing and Filter Assy	C-81A	2-5
	C-88A	2-5
Lamp Housing Assy	C-81A	2-2
	C-88A	2-2
Lever Subassy	R-34A	4-23
		4-33
Locknut	B-13A-1	(3-17)
		(4-59)
		(4-61)
		(4-62)
		(4-98)
		(4-99)
		(4-100)
	R-34A	2-20
		3-2
Meter Movement, Ambiguity	IN-10	3-33
Meter Movement, Localizer	IN-10	3-10
Nut	B-13A-1	(3-17)
	C-81A	2-24
	C-88A	2-26
	E-15	(2-8)
	E-16	(2-8)
	R-34A	2-21
		3-3
		5-3
		5-64
		6-66
		6-68
		6-93
Panel Subassy	CC-11A	2-31
	CC-12A	2-40
	R-34A	4-53
Plate	A-13B	2-1
Plate Subassy	R-34A	3-32
		3-117
		3-123
		5-5
		5-20
		5-42
		5-62
		6-70
		6-83

Part No.	Unit	Figure & Index No.
Plate Subassy (Cont)		6-94
		6-123
Rack Subassy	E-14	2-18
	E-15	2-16
	E-16	2-15
Retainer	C-81A	2-23
	C-88A	2-25
	CC-11A	2-3
		2-4
	CC-12A	2-3
		2-4
Spring	C-81A	2-4
	C-88A	2-4
	CC-11A	2-2
		2-27
	CC-12A	2-2
		2-36
Terminal	R-34A	6-91
Washer	B-13A-1	(3-17)
	C-81A	2-25
	C-88A	2-27
	E-15	(2-8)
	E-16	(2-8)
	IN-10	4-27
	R-34A	2-22
		3-4
		5-4
		6-67
		6-89
		6-90
		6-96
A27-03E	A-13B	2-35
A3674	C-81A	2-4
	C-88A	2-4
A4846A	C-81A	2-3
	C-88A	2-3
A4996	C-81A	2-23
	C-88A	2-25
A5178	C-81A	2-5
	C-88A	2-5
A5181	C-81A	2-2
	C-88A	2-2
A5746A	CC-11A	2-3
	CC-12A	2-3
A5890	C-81A	2-1
	C-88A	2-1
A8898B1	CC-11A	2-4
	CC-12A	2-4
A9305-1	CC-11A	2-1
	CC-12A	2-1
BS48179	R-34A	2-4
BU20251MV5V	R-34A	3-90
BU25272NZ5Z	R-34A	3-21
B13750	B-13A-1	(4-59)
		(4-61)
		(4-62)
		(4-98)
		(4-99)
		(4-100)

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
B8900C2	CC-11A	2-26
	CC-12A	2-35
CB1011	R-34A	5-18
CB1031	R-34A	6-50
CB1041	R-34A	3-11
		3-57
		5-17
		6-14
		6-52
		6-84
CB1051	R-34A	6-46
CB1511	R-34A	6-11
CB1521	R-34A	5-58
CB1531	R-34A	6-58
CB1811	R-34A	6-15
CB2211	R-34A	5-52
		6-17
CB2221	R-34A	3-55
		5-40
		6-13
CB2231	R-34A	6-60
CB2241	R-34A	3-54
		5-39
		6-32
		6-48
CB3311	R-34A	3-13
		6-61
CB3321	R-34A	5-57
		6-74
CB3331	R-34A	3-12
		5-53
		6-59
CB3341	R-34A	6-19
		6-54
CB4721	R-34A	6-12
CB4731	R-34A	6-86
CB4741	R-34A	5-19
		5-38
		6-51
CB6811	R-34A	3-10
CB6821	R-34A	6-47
CB6831	R-34A	3-92
		6-43
CB8231	R-34A	3-51
CC20HG100C	R-34A	4-7
CC20HH070C	R-34A	5-43
CC30HG300G	R-34A	3-16
CC30UJ910J	A-13B	2-26
CD1-2PR1003F	B-13A-1	4-3
CD1-2PR1004F	B-13A-1	4-8
		4-43
		4-73
CD1-2PR1333F	B-13A-1	3-15
CD1-2PR1334F	B-13A-1	4-44
CD1-2PR2653F	B-13A-1	3-13
CD1-2PR3303F	B-13A-1	4-52
CD1-2PR3600F	B-13A-1	4-76
CD1-2PR4703F	B-13A-1	4-68
CD1-2PR5103F	B-13A-1	4-4

Part No.	Unit	Figure & Index No.
CF123XD102Z3K	R-34A	5-16
		5-37
		5-59
DC8C11	R-34A	2-41
DC8C51	R-34A	2-41
EB1025	E-14	2-7
	E-16	2-5
EB1035	B-13A-1	4-72
		4-81
EB1045	B-13A-1	3-14
		4-79
EB1055	B-13A-1	4-34
		4-54
		4-69
		4-74
EB1135	B-13A-1	4-10
EB1505	DV-10A, DV-11A	2-29
EB1525	B-13A-1	4-42
		4-87
EB1535	B-13A-1	4-92
EB1625	B-13A-1	4-63
EB1815	B-13A-1	4-90
EB1825	B-13A-1	4-20
		4-64
		4-78
EB2025	B-13A-1	4-12
		4-16
		4-45
EB2055	B-13A-1	4-7
EB2245	B-13A-1	4-85
EB3305	DV-10A, DV-11A	2-29
EB3935	R-34A	3-24
		6-16
EB4745	B-13A-1	4-37
EB5105	B-13A-1	4-88
EB5125	B-13A-1	4-77
		4-93
EB5135	B-13A-1	4-24
		4-28
		4-67
		4-91
EB5145	B-13A-1	4-25
EB5615	B-13A-1	4-82
EB6225	B-13A-1	4-23
EB8215	B-13A-1	4-94
EB9115	B-13A-1	4-86
F310	DV-10A, DV-11A	2-31
GA0.39	R-34A	5-24
GA0.82	R-34A	3-52
GB2725	DV-10A, DV-11A	2-28
GB4715	R-34A	6-45
GB5115	B-13A-1	4-49
	DV-10A, DV-11A	2-28
GB5635	R-34A	6-98
GLU1042SD3028L	R-34A	2-19
GLU2522SD3028L	B-13A-1	3-17
GLU5022SD3028L	R-34A	3-1
G3658	B-13A-1	3-5
HD6226	B-13A-1	4-35

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
HD6226 (Cont)	B-13A-1	4-83
	R-34A	4-3
		6-18
		6-41
H2000	B-13A-1	4-96
H2001	B-13A-1	4-97
JLU1031SD4040L	B-13A-1	4-62
		4-100
JLU1041SD4040L	B-13A-1	4-99
JLU1051SD4040L	B-13A-1	4-59
JLU5001SD4040L	B-13A-1	4-98
JLU5042SD4040L	B-13A-1	4-61
JSU5021FS2032	C-81A	2-26
	C-88A	2-28
JU1041FS2032	C-81A	2-29
	C-88A	2-31
L1883	R-34A	6-75
L2254	DV-10A, DV-11A	2-38
M4721	B-13A-1	(3-17)
	R-34A	2-21
		3-3
M4748	B-13A-1	(3-17)
	R-34A	2-22
		3-4
M4761	B-13A-1	(3-17)
	R-34A	2-20
		3-2
ND17921-024	IN-10	2-19
		4-26
ND20931-045	IN-10	3-22
		3-25
ND21178-108	IN-10	3-31
ND21895-024	IN-10	3-32
ND22231-024	IN-10	3-23
		3-26
ND22637-024	IN-10	4-7
ND24126-045	IN-10	4-19
ND24378-045	IN-10	2-11
ND26202-001	IN-10	2-6
ND26203-024	IN-10	4-29
ND27323	IN-10	4-4
ND27395-045	IN-10	4-25
ND27776-024	IN-10	2-18
ND29281-001	IN-10	2-26
ND32122-024	IN-10	3-11
ND32122-045	IN-10	3-34
ND33172-045	IN-10	2-9
ND34930-045	IN-10	4-33
PB5B50A2	R-34A	6-44
RB13B51802F	B-13A-1	4-1
RG-58/U	A-13B	2-17
		2-25
	Accessories	1-9
RS2-3R0H	R-34A	6-100
SSRS77NR3HGZD1228E	R-34A	3-29
		3-107
		5-77
SSRS77NR4HGZD1228E	R-34A	4-50
S581	R-34A	6-118
S722	DV-10A, DV-11A	2-8
TU20-120J-S1G	A-13B	2-11
TU20-150J	R-34A	5-6
		5-25
TU30-101G-U2J	A-13B	2-26
	R-34A	5-23
TU30-900G-U2J	A-17	2-3
TWA3S1-10	R-34A	3-56
		6-53
TWA3S1GS10	R-34A	3-58
		6-1
		6-39
Type DES	B-13A-1	3-10
	E-14	2-5
	E-15	2-5
	E-16	2-3
UG-291/U	A-13B	2-14
		2-21
UG-625/U	E-15	2-8
	E-16	2-8
	R-34A	5-2
UG-88C/U	Accessories	1-1
VTCM15-101G	R-34A	6-85
VTCM15-511G	R-34A	5-26
VTCM20-201G	B-13A-1	4-66
VTCM35-103F	B-13A-1	3-12
		4-2
		4-6
		4-27
		4-47
		4-51
		4-70
VTCM35-242G	B-13A-1	4-5
VTCM35-262G	B-13A-1	4-60
VTDM15-101J	R-34A	5-44
		6-57
VTDM15-241J	R-34A	3-22
VTDM15-510J	R-34A	3-20
		5-55
VTDM15-710F	R-34A	3-50
VTDM15-910F	R-34A	3-53
VTDM19-102J	R-34A	6-55
VTDM19-241J	R-34A	6-56
VTDM19-511J	R-34A	5-41
		6-49
1N118	B-13A-1	4-14
		4-18
1N1371	R-34A	6-95
1N1375	R-34A	6-87
1N1560	DV-10A, DV-11A	2-32
1N89	B-13A-1	4-13
		4-17
		4-21
10100-622	R-34A	5-15
10100-628	R-34A	3-91
10100-636	R-34A	5-27
10102-620	R-34A	5-56
10102-634	R-34A	3-23
10102-636	R-34A	4-48

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
10102-636 (Cont)	R-34A	5-21
101300F1C	C-88A	2-44
	CC-12A	2-27
101301F1C	C-88A	2-41
	CC-12A	2-24
101991-024	IN-10	4-34
102-0008	A-13B	2-13
102-0010	A-13B	2-30
102-0014	R-34A	6-28
		6-35
102-0015	R-34A	5-73
102401-045	IN-10	4-17
10284	E-14	2-13
	E-15	2-11
103-0010	R-34A	5-33
103-0012	E-14	(2-3)
		(2-8)
		(2-13)
	E-16	(2-6)
	R-34A	5-61
103-0014	B-13A-1	(4-30)
		(4-56)
103-0016	A-13B	2-9
	CC-11A	2-21
	DV-10A, DV-11A	2-36
	R-34A	3-48
		3-73
		4-19
		4-29
		6-8
		6-77
103-0020	R-34A	6-109
103-0032	R-34A	3-114
10353	B-13A-1	(4-30)
		(4-56)
	C-81A	2-13
	C-88A	2-13
	CC-11A	2-10
	CC-12A	2-10
	DV-10A, DV-11A	2-37
	R-34A	6-9
104-0012	M-10	2-2
	M-25	2-2
104-0014	R-34A	5-10
		5-48
104-0016	A-13B	2-28
	R-34A	6-115
104-0108	R-34A	2-34
105168-024	IN-10	3-37
106-0016	E-14	(2-6)
	E-16	(2-4)
106-0020	E-14	(2-1)
	E-15	(2-1)
	E-16	(2-1)
106-0140	B-13A-1	(4-1)
109539-001	IN-10	2-13
110D45	R-34A	6-22
110D47	R-34A	6-99
11020	E-14	2-15

Part No.	Unit	Figure & Index No.
11020 (Cont)	E-15	2-13
	E-16	2-12
11021	E-14	(2-15)
	E-15	(2-13)
	E-16	(2-12)
110544-256	IN-10	2-12
11146	B-13A-1	(4-1)
113-0012	E-14	(2-2)
	E-16	(2-2)
113-0024	C-81A	2-12
	C-88A	2-12
	CC-11A	2-9
	CC-12A	2-9
113-0028	CC-11A	2-15
	CC-12A	2-15
11318	A-13B	2-17
		2-25
	Accessories	1-9
11337	Accessories	1-1
116968-024	IN-10	3-2
		3-5
117997-024	IN-10	4-12
118P22304S4	B-13A-1	4-36
11905	R-34A	2-16
11934	R-34A	2-6
12AT7WA	B-13A-1	3-4
12049	C-81A	2-32
	C-88A	2-34
	CC-11A	2-28
	CC-12A	2-37
	DV-10A, DV-11A	2-11
12095	E-14	2-12
	E-15	2-10
	E-16	2-10
12097	C-81A	2-19
	C-88A	2-19
	E-14	2-9
	E-15	2-7
121531-024	IN-10	3-46
121663-024	IN-10	4-6
12348	E-14	2-11
	E-16	2-7
12354	E-16	2-9
12355	C-88A	2-21
	E-15	2-9
12357	C-81A	2-21
	C-88A	2-23
	R-34A	2-23
12427	E-14	2-10
12681	B-13A-1	2-5
	R-34A	2-7
12682	B-13A-1	2-5
	R-34A	2-7
12712	B-13A-1	4-39
12855	B-13A-1	4-15
		4-19
		4-22
		4-26
		4-46

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
12855 (Cont)	B-13A-1	4-71
		4-75
		4-80
		4-84
		4-89
		4-95
	E-14	2-8
	E-16	2-6
12901	M-10	2-
12921	B-13A-1	4-58
12924	A-13B	2-10
	B-13A-1	(4-30)
		(4-56)
13025	B-13A-1	4-9
		4-29
		4-50
130327-001	IN-10	2-20
13046	R-34A	6-30
13152	B-13A-1	4-57
13473	R-34A	3-116
13787	A-13B	2-14
		2-21
13928	B-13A-1	3-8
140011-045	IN-10	2-23
		4-2
		4-36
		4-40
		4-43
140203-108	IN-10	3-8
140216-001	IN-10	4-10
140217-001	IN-10	4-11
140265-024	IN-10	4-14
140266-024	IN-10	4-15
140402-001	IN-10	2-8
140403-256	IN-10	2-15
140406-001	IN-10	2-10
140407-256	IN-10	2-14
140410-256	IN-10	2-17
140412-001	IN-10	4-18
140414-001	IN-10	4-23
140418-024	IN-10	4-9
140426-001	IN-10	4-1
140427-001	IN-10	4-32
140428-001	IN-10	4-35
140429-001	IN-10	4-37
140430-001	IN-10	4-38
140431-001	IN-10	4-39
140433-001	IN-10	4-42
140436-001	IN-10	4-44
140437-001	IN-10	4-24
140438-001	IN-10	4-31
140439-001	IN-10	4-30
140443-024	IN-10	4-28
140445-001	IN-10	3-41
140447-001	IN-10	3-42
140448-001	IN-10	3-43
140451-237	IN-10	3-9
140452-139	IN-10	3-1
140453-139	IN-10	3-4

Part No.	Unit	Figure & Index No.
140454-256	IN-10	3-30
140460-001	IN-10	3-29
140461-141	IN-10	3-28
140464-001	IN-10	3-39
140465-001	IN-10	2-21
140466-001	IN-10	2-24
140467-001	IN-10	2-22
140468-256	IN-10	2-5
140469-001	IN-10	3-24
140475-001	IN-10	3-21
14050	Accessories	1-4
140500-001	IN-10	3-40
140501-001	IN-10	4-22
140503-108	IN-10	2-4
140506-001	IN-10	2-2
140511-001	IN-10	2-1
140515-001	IN-10	4-45
140516-001	IN-10	2-16
140622-001	IN-10	3-19
140623-024	IN-10	3-20
140624-001	IN-10	3-13
140631-001	IN-10	3-16
140638-001	IN-10	3-36
140649-024	IN-10	3-14
		3-17
14079	B-13A-1	3-16
14115	B-13A-1	2-4
	R-34A	2-13
14143	R-34A	5-63
14164	R-34A	3-37
14174	E-15	(2-4)
142-0008	C-88A	2-48
	CC-12A	2-31
142-0016	A-13B	2-4
143-0010	DV-10A, DV-11A	2-41
143-0016	DV-10A, DV-11A	2-24
		2-39
	R-34A	3-26
		3-34
		6-64
143-0020	C-81A	2-36
	C-88A	2-38
14320	Accessories	1-8
14321	Accessories	1-2
14363	R-34A	2-38
14378	R-34A	6-126
144-0016	DV-10A, DV-11A	2-27
14484	E-14	2-4
	E-15	2-4
14485	E-14	2-4
	E-15	2-4
14556	B-13A-1	4-30
		4-56
14588	R-34A	2-5
14687	A-13B	2-33
14699	CC-11A	2-20
14778	A-13B	2-24
14785	R-34A	3-125
14811	DV-10A, DV-11A	2-45

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
14811 (Cont)	R-34A	3-104
150D104X0035A2	R-34A	6-42
150D105X0035A2	B-13A-1	4-33
	DV-10A, DV-11A	2-30
	R-34A	3-14
150D225X0035B2	R-34A	6-10
15181	R-34A	4-36
15185	E-15	2-8
	E-16	2-8
	R-34A	5-2
15230	B-13A-1	4-101
152480-001	IN-10	3-27
152482-001	IN-10	3-7
153-0012	CC-11A	2-29
	CC-12A	2-38
153-0016	C-81A	2-33
	C-88A	2-35
	CC-12A	2-21
153-0020	CC-11A	2-25
15374	B-13A-1	3-9
15453	R-34A	3-121
		5-80
		6-121
15527-001	IN-10	2-7
		2-25
		4-41
15527-024	IN-10	4-8
15535	B-13A-1	3-11
	E-14	2-6
	E-15	2-6
	E-16	2-4
15559	M-10	2-1
	M-25	2-1
15565	A-13B	2-12
15571	A-13B	2-20A
15572	A-13B	2-18A
15574	A-13B	2-18
15575	A-13B	2-7
15576	A-13B	2-35
15577	A-13B	2-8A
15578	A-13B	2-3
15610	B-13A-1	3-5
15645	M-10	2-6
15715	A-13B	2-27
15763	B-13A-1	4-11
		4-40
15786	A-13B	2-34
15823	A-13B	2-
15877	E-14	2-2
15879	E-14	2-14
15880-0014	E-14	2-
15880-0028	E-14	2-
15883-0014	E-14	2-1
15883-0028	E-14	2-1
15890	B-13A-1	4-96
15891	B-13A-1	4-97
15911	Accessories	1-3
15912	Accessories	1-5
16088	R-34A	4-37

Part No.	Unit	Figure & Index No.
16088 (Cont)	R-34A	4-42
16115	Accessories	1-7
16143	B-13A-1	3-10
	E-14	2-5
	E-15	2-5
	E-16	2-3
16171	R-34A	3-44
162-0010	A-13B	2-19
162-0012	R-34A	5-67
		5-69
16210	Accessories	1-6
16293	C-81A	2-1
	C-88A	2-1
163-0016	R-34A	3-102
16331	C-81A	2-7
	C-88A	2-7
164-0016	R-34A	3-94
16619	M-10	2-5
	M-25	2-5
16641	B-13A-1	4-32
16643	B-13A-1	4-55
16644	B-13A-1	4-55
16653	B-13A-1	4-41
16660	B-13A-1	4-13
		4-17
		4-21
16661	B-13A-1	2-6
		3-6
16662	B-13A-1	2-7
		3-7
16665	B-13A-1	4-18
16670	B-13A-1	4-14
16706	IN-10	2-
16711	IN-10	4-20
16723	A-13B	2-16
		2-23
16724	A-13B	2-15
		2-22
16760-0014	E-15	2-
16760-0028	E-15	2-
16763	E-15	2-12
16765	E-15	2-2
	E-16	2-2
16766	E-16	2-11
16769-0014	E-15	2-1
16769-0028	E-15	2-1
16770	E-16	2-
16773	E-16	2-1
16780	M-25	2-
16787	M-25	2-6
16798	E-14	2-3
	E-15	2-3
1702	R-34A	2-40
		6-29
		6-36
1703	B-13A-1	(4-38)
	C-81A	2-34
	C-88A	2-36
	CC-11A	2-22

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
1703 (Cont)	CC-11A	2-30
	CC-12A	2-39
	DV-10A, DV-11A	2-13
		2-47
	E-14	(2-2)
		(2-3)
		(2-8)
		(2-13)
	E-15	(2-11)
	E-16	(2-2)
		(2-6)
	R-34A	3-60
		3-106
		6-3
		6-78
		6-110
		6-128
1704	CC-11A	2-13
	CC-12A	2-13
	DV-10A, DV-11A	2-16
	M-25	2-4
	R-34A	2-15
		5-11
1706	B-13A-1	(2-8)
		(3-11)
	E-14	(2-1)
		(2-6)
	E-15	(2-1)
		(2-6)
	E-16	(2-1)
		(2-4)
17300	A-17	2-
17305	A-17	2-7
17306	A-17	2-6
17308	A-17	2-9
17309	A-17	2-1
17313	A-17	2-4
17326	R-34A	4-14
		4-24
17742	R-34A	4-9
		4-17
		4-27
17765	R-34A	4-10
17768	R-34A	4-15
		4-25
		5-76
18318	IN-10	2-3
18327	R-34A	3-98
186P10402T15	R-34A	6-65
18709	R-34A	6-68
		6-81
18800	R-34A	2-41
18801	R-34A	2-41
1902	A-13B	2-20
		2-31
1903	A-13B	2-6
	R-34A	3-49
		3-74
1904	A-13B	2-29

Part No.	Unit	Figure & Index No.
1904 (Cont)	M-10	2-4
1906	R-34A	2-28
1920-02	B-13A-1	(4-57)
		(4-58)
		(4-59)
		(4-61)
		(4-62)
		(4-98)
		(4-99)
		(4-100)
	C-81A	2-28
		2-31
	C-88A	2-30
		2-33
		2-43
		2-46
	CC-12A	2-26
		2-29
	R-34A	3-68
19323	R-34A	6-92
19339	R-34A	2-31
19374	R-34A	4-45
19419	R-34A	3-118
19442	R-34A	4-34
19443	R-34A	4-43
19446	R-34A	4-38
19447	R-34A	4-39
19467	R-34A	3-127
19478	R-34A	4-41
19542	R-34A	2-43
19543	R-34A	2-36
19546	R-34A	2-39
19551	R-34A	4-18
		4-28
19556	R-34A	4-11
19568	R-34A	4-7
		4-26
19569	R-34A	4-12
19570	R-34A	4-22
		4-32
19571	R-34A	4-8
		4-16
19572	R-34A	4-35
19573	R-34A	4-40
19574	R-34A	4-21
		4-31
196P22302S4	R-34A	6-73
19603	R-34A	5-60
19645	R-34A	3-128
19647	R-34A	3-78
19650	R-34A	3-82
19657-*	R-34A	3-84
19658-*	R-34A	3-85
19661	R-34A	(4-)
19664	R-34A	4-4
19665	R-34A	4-4
19668	R-34A	(4-)
19674	R-34A	(4-)
19681	R-34A	3-42

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
19686	R-34A	3-41
19687	R-34A	3-45
19698	R-34A	3-65
19715	R-34A	3-66
19724	R-34A	3-63
19732	R-34A	3-61
19840	DV-10A, DV-11A	2-
19843	DV-10A, DV-11A	2-48
19848	DV-10A, DV-11A	2-34
19850	DV-10A, DV-11A	2-23
19852	DV-10A, DV-11A	2-4
19869	R-34A	3-62
19871	R-34A	3-64
19886	R-34A	5-82
19892	R-34A	3-88
19897	R-34A	5-32
19918	DV-10A, DV-11A	2-7
19919	DV-10A, DV-11A	2-7
19929	R-34A	5-9
		5-30
		5-47
19940	R-34A	(3-)
19946	R-34A	3-27
200-*	R-34A	6-20
200-0101	R-34A	5-18
200-0103	R-34A	6-50
200-0104	R-34A	3-11
		3-57
		5-17
		6-14
		6-52
		6-84
200-0105	R-34A	6-46
200-0151	R-34A	6-11
200-0152	R-34A	5-58
200-0153	R-34A	6-58
200-0181	R-34A	6-15
200-0221	R-34A	5-52
		6-17
200-0222	R-34A	3-55
		5-40
		6-13
200-0223	R-34A	6-60
200-0224	R-34A	3-54
		5-39
		6-32
		6-48
200-0331	R-34A	3-13
		6-61
200-0332	R-34A	5-57
		6-74
200-0333	R-34A	3-12
		5-53
		6-59
200-0334	R-34A	6-19
		6-54
200-0472	R-34A	6-12
200-0473	R-34A	6-86
200-0474	R-34A	5-19
200-0474 (Cont)	R-34A	5-38
		6-51
200-0681	R-34A	3-10
200-0682	R-34A	6-47
200-0683	R-34A	3-92
		6-43
200-0823	R-34A	3-51
201-*	B-13A-1	4-65
201-0102	E-14	2-7
	E-16	2-5
201-0103	B-13A-1	4-72
		4-81
201-0104	B-13A-1	3-14
		4-79
201-0105	B-13A-1	4-34
		4-54
		4-69
		4-74
201-0113	B-13A-1	4-10
201-0150	DV-10A, DV-11A	2-29
201-0152	B-13A-1	4-42
		4-87
201-0153	B-13A-1	4-92
201-0162	B-13A-1	4-63
201-0181	B-13A-1	4-90
201-0182	B-13A-1	4-20
		4-64
		4-78
201-0202	B-13A-1	4-12
		4-16
		4-45
201-0205	B-13A-1	4-7
201-0224	B-13A-1	4-85
201-0330	DV-10A, DV-11A	2-29
201-0393	R-34A	3-24
		6-16
201-0474	B-13A-1	4-37
201-0510	B-13A-1	4-88
201-0512	B-13A-1	4-77
		4-93
201-0513	B-13A-1	4-24
		4-28
		4-67
		4-91
201-0514	B-13A-1	4-25
201-0561	B-13A-1	4-82
201-0622	B-13A-1	4-23
201-0821	B-13A-1	4-94
201-0911	B-13A-1	4-86
202-0272	DV-10A, DV-11A	2-28
202-0471	R-34A	6-45
202-0511	B-13A-1	4-49
	DV-10A, DV-11A	2-28
202-0563	R-34A	6-98
204-0100	R-34A	5-54
204-0105	B-13A-1	4-48
204-0330	R-34A	5-22
20403	C-81A	2-9
	C-88A	2-9

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
20403 (Cont)	CC-11A	2-6
	CC-12A	2-6
20424	DV-10A, DV-11A	2-26
20453	DV-10A, DV-11A	2-1
20454	DV-10A, DV-11A	2-42
20474	DV-10A, DV-11A	2-32
205-0017	B-13A-1	3-15
205-0028	B-13A-1	4-44
205-0036	B-13A-1	3-13
205-0104	B-13A-1	4-3
205-0105	B-13A-1	4-8
		4-43
		4-73
205-0334	B-13A-1	4-52
205-0361	B-13A-1	4-76
205-0474	B-13A-1	4-68
205-0514	B-13A-1	4-4
20620	R-34A	3-29
		3-107
		5-77
20621	R-34A	3-31
		3-109
		3-112
20622	R-34A	4-52
20623	R-34A	4-51
20624	R-34A	4-50
20625	R-34A	3-30
		3-108
		3-111
		5-78
20679	R-34A	6-75
20733	R-34A	4-1
209-9301	R-34A	6-100
21100	DV-10A, DV-11A	2-
21153	DV-10A, DV-11A	2-42
21155	DV-10A, DV-11A	2-26
2116	DV-10A, DV-11A	2-19
	E-14	(2-16)
	E-15	(2-14)
	E-16	(2-13)
21303	R-34A	3-113
21319	R-34A	5-65
21410	C-81A	2-
21429	DV-10A, DV-11A	2-38
21440-0014	R-34A	2-
21440-0028	R-34A	2-
21478	R-34A	3-38
21482	R-34A	3-132
21485	B-13A-1	4-33
	DV-10A, DV-11A	2-30
	R-34A	3-14
21485-0192	R-34A	6-42
21485-9221	R-34A	6-10
21504	R-34A	4-13
21664	C-81A	2-37
21666	C-81A	2-11
21668	C-81A	2-17
21670	C-81A	2-14
21714	C-81A	2-35

Part No.	Unit	Figure & Index No.
21714 (Cont)	CC-11A	2-24
21760	C-81A	2-6
	C-88A	2-6
	CC-11A	2-5
	CC-12A	2-5
21773	R-34A	(6-)
21779	R-34A	(2-)
21781	R-34A	2-3
21782	R-34A	3-33
21795	R-34A	3-71
21799	R-34A	2-26
21806	R-34A	5-84
21807	R-34A	6-5
21813	R-34A	3-81
21824	R-34A	(3-)
21826	R-34A	(6-)
21848	R-34A	(6-)
21878	C-81A	2-15
22019	R-34A	6-119
22094	R-34A	(5-)
22096	R-34A	2-4
22097	R-34A	3-9
22099	R-34A	3-69
22100	R-34A	(3-)
22102	R-34A	(6-)
22105	R-34A	4-44
22106	R-34A	(5-)
22112	R-34A	5-8
22113	R-34A	5-28
22114	R-34A	5-29
22115	R-34A	5-45
22116	R-34A	5-46
22118	R-34A	(3-)
22124	R-34A	3-5
		6-26
22126	R-34A	6-33
22133	R-34A	(6-)
22158	R-34A	3-80
22172	R-34A	3-86
22202-0014	R-34A	2-33
22202-0028	R-34A	2-33
22203-0014	R-34A	3-76
		4-
22203-0028	R-34A	3-76
		4-
22223	R-34A	(6-)
22226	R-34A	(5-)
22244	R-34A	(6-)
22245	R-34A	6-21
22267	R-34A	3-133
		5-
22275-0014	R-34A	2-45
		3-
22275-0028	R-34A	2-45
		3-
22283	R-34A	6-62
22285	R-34A	(6-)
22297	R-34A	2-51
		6-

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
22298-0101	R-34A	6-87
22298-0680	R-34A	6-95
22301	R-34A	(2-)
22307	R-34A	2-9
22308	R-34A	3-96
22312	R-34A	(6-)
22438	R-34A	3-110
22440	R-34A	2-54
22500	C-88A	2-
22611	R-34A	(5-)
22741	R-34A	2-9
22797	R-34A	3-39
22798	R-34A	(3-)
22813	R-34A	2-30
22815	R-34A	2-32
22817	R-34A	3-46
22900-0014	B-13A-1	2-
		3-
		4-
22900-0028	B-13A-1	2-
		3-
		4-
22970	CC-12A	2-
22998	M-10	2-8
	M-25	2-8
23033	B-13A-1	2-1
23035	B-13A-1	2-3
23036	B-13A-1	2-3
23037	B-13A-1	4-35
		4-83
	R-34A	4-3
		6-18
		6-41
23038	B-13A-1	4-38
23082	B-13A-1	2-2
23114	B-13A-1	4-102
23115	C-81A	2-26
	C-88A	2-28
23231	R-34A	2-2
23355	CC-11A	2-11
	CC-12A	2-11
234-0008	DV-10A, DV-11A	2-8
23459	C-88A	2-14
23585	C-88A	2-49
23588	C-88A	2-11
23589	C-88A	2-39
	CC-12A	2-22
23591	C-88A	2-17
23593	C-88A	2-52
236-0009	R-34A	6-118
23675	E-14	(2-4)
23684	R-34A	5-79
23685	R-34A	3-124
23688	R-34A	5-72
23693	R-34A	5-71
23695	R-34A	5-66
23696	R-34A	5-68
23699	R-34A	3-130
23721	C-88A	2-16

Part No.	Unit	Figure & Index No.
23723	R-34A	5-70
23727	C-88A	2-47
	CC-12A	2-30
23728	C-88A	2-44
	CC-12A	2-27
23729	C-88A	2-41
	CC-12A	2-24
23730	C-88A	2-37
23734	C-88A	2-51
	CC-12A	2-34
23738	C-81A	2-29
	C-88A	2-31
23746	R-34A	4-49
23831	CC-12A	2-32
23832	R-34A	2-25
23846	CC-12A	2-18
23847	CC-12A	2-16
23852	CC-12A	2-20
23858	CC-11A	2-25A
	CC-12A	2-34A
23860	CC-11A	2-8
	CC-12A	2-8
23861	CC-11A	2-26
	CC-12A	2-35
23867	R-34A	5-75
23868	R-34A	5-74
23943	DV-10A, DV-11A	2-31
23946	R-34A	(4-)
24-102W	R-34A	4-47
24017	R-34A	3-99
24023	CC-11A	2-18
24024	CC-11A	2-16
24030	CC-11A	2-
24044	CC-11A	2-14
	CC-12A	2-14
24045	R-34A	3-15
24104	R-34A	2-18
24373-001	IN-10	4-3
24448	R-34A	2-50
24638	CC-11A	2-14
	CC-12A	2-14
24685	R-34A	3-50
2522-6-1	R-34A	3-126
2540	DV-10A, DV-11A	2-18
	E-14	2-16
	E-15	2-14
	E-16	2-13
25886-0100	IN-10	2-1
25886-0101	IN-10	2-2
25886-0102	IN-10	2-4
25886-0103	IN-10	2-5
25886-0104	IN-10	2-6
25886-0105	IN-10	2-7
		2-25
		4-41
25886-0106	IN-10	2-8
25886-0107	IN-10	2-9
25886-0108	IN-10	2-10
25886-0109	IN-10	2-11

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
25886-0110	IN-10	2-12
25886-0111	IN-10	2-13
25886-0112	IN-10	2-14
25886-0113	IN-10	2-15
25886-0114	IN-10	2-16
25886-0115	IN-10	2-17
25886-0116	IN-10	2-18
25886-0117	IN-10	2-19
		4-26
25886-0118	IN-10	2-20
25886-0119	IN-10	2-21
25886-0120	IN-10	2-22
25886-0121	IN-10	2-23
		4-2
		4-36
		4-40
		4-43
25886-0122	IN-10	2-26
25886-0123	IN-10	2-27
25886-0124	IN-10	3-1
25886-0125	IN-10	3-2
		3-5
25886-0126	IN-10	3-3
		3-6
25886-0127	IN-10	3-4
25886-0128	IN-10	3-7
25886-0129	IN-10	3-8
25886-0130	IN-10	3-9
25886-0131	IN-10	3-10
25886-0132	IN-10	3-11
25886-0133	IN-10	3-12
		3-15
		3-18
		3-35
		3-38
		4-13
25886-0134	IN-10	3-13
25886-0135	IN-10	3-14
		3-17
25886-0136	IN-10	3-16
25886-0137	IN-10	3-19
25886-0138	IN-10	3-20
25886-0139	IN-10	3-21
25886-0140	IN-10	3-22
		3-25
25886-0141	IN-10	3-23
		3-26
25886-0142	IN-10	3-24
25886-0143	IN-10	3-27
25886-0144	IN-10	3-28
25886-0145	IN-10	3-29
25886-0146	IN-10	3-30
25886-0147	IN-10	3-31
25886-0148	IN-10	3-32
25886-0149	IN-10	3-33
25886-0150	IN-10	3-34
25886-0151	IN-10	3-36
25886-0152	IN-10	3-37
25886-0153	IN-10	3-39

Part No.	Unit	Figure & Index No.
25886-0154	IN-10	3-40
25886-0155	IN-10	3-41
25886-0156	IN-10	3-42
25886-0157	IN-10	3-43
25886-0158	IN-10	3-45
25886-0159	IN-10	3-46
25886-0160	IN-10	3-47
25886-0161	IN-10	4-1
25886-0162	IN-10	4-3
25886-0163	IN-10	4-4
25886-0164	IN-10	4-5
25886-0165	IN-10	4-6
25886-0166	IN-10	4-7
25886-0167	IN-10	4-8
25886-0168	IN-10	4-9
25886-0169	IN-10	4-10
25886-0170	IN-10	4-11
25886-0171	IN-10	4-12
25886-0172	IN-10	4-14
25886-0173	IN-10	4-15
25886-0174	IN-10	4-16
25886-0175	IN-10	4-17
25886-0176	IN-10	4-18
25886-0177	IN-10	4-19
25886-0178	IN-10	4-22
25886-0179	IN-10	4-23
25886-0180	IN-10	4-24
25886-0181	IN-10	4-25
25886-0182	IN-10	4-27
25886-0183	IN-10	4-28
25886-0184	IN-10	4-29
25886-0185	IN-10	4-30
25886-0186	IN-10	4-31
25886-0187	IN-10	4-32
25886-0188	IN-10	4-33
25886-0189	IN-10	4-34
25886-0190	IN-10	4-35
25886-0191	IN-10	4-37
25886-0192	IN-10	4-38
25886-0193	IN-10	4-39
25886-0194	IN-10	4-42
25886-0195	IN-10	4-44
25886-0196	IN-10	4-45
25886-0197	IN-10	2-24
25886-0198	IN-10	3-44
27081-024	IN-10	3-12
		3-15
		3-18
		3-35
		3-38
		4-13
27082-024	IN-10	3-3
		3-6
27083-024	IN-10	3-45
303-0006	C-88A	2-40
	CC-12A	2-23
304-0008	R-34A	3-119
		3-129
306-0008	R-34A	3-131

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
306-0012	C-81A	2-8
	C-88A	2-8
	R-34A	3-43
306-0016	C-81A	2-10
	C-88A	2-10
	CC-11A	2-7
	CC-12A	2-7
3065	R-34A	6-114
3101	R-34A	6-92
314-0016	R-34A	4-6
327	C-81A	2-6
	C-88A	2-6
	CC-11A	2-5
	CC-12A	2-5
330	C-81A	2-6
	C-88A	2-6
	CC-11A	2-5
	CC-12A	2-5
331-024	IN-10	3-44
336-0008	R-34A	3-87
357	R-34A	5-63
3789	B-13A-1	(4-1)
3873	CC-11A	2-23
	R-34A	3-70
		3-75
40-103W	R-34A	2-11
		6-101
4023	R-34A	3-126
4041	B-13A-1	(2-8)
		(4-1)
	R-34A	2-28
4042	R-34A	2-29
4052	R-34A	2-40
		6-29
		6-36
4058	R-34A	3-89
4076	B-13A-1	(4-59)
		(4-61)
		(4-62)
		(4-98)
		(4-99)
		(4-100)
	C-88A	2-42
		2-45
	CC-12A	2-25
		2-28
4103	B-13A-1	(4-38)
	C-81A	2-34
	C-88A	2-36
	CC-11A	2-22
		2-30
	CC-12A	2-39
	DV-10A, DV-11A	2-13
		2-47
	E-14	(2-2)
		(2-3)
		(2-8)
		(2-13)
	E-15	(2-11)

Part No.	Unit	Figure & Index No.
4103 (Cont)	E-16	(2-2)
		(2-6)
	R-34A	3-60
		3-106
		6-3
		6-78
		6-110
		6-128
4157	DV-10A, DV-11A	2-33
4172	A-13B	2-32
4180	DV-10A, DV-11A	2-43
4242	A-13B	2-29
	M-10	2-4
4303	DV-10A, DV-11A	2-44
4558	A-13B	2-6
	R-34A	3-49
		3-74
4561	B-13A-1	(4-38)
	DV-10A, DV-11A	2-46
	R-34A	3-59
		3-105
		3-115
		6-2
		6-40
4623	R-34A	3-36
4681	R-34A	6-117
4697	B-13A-1	(4-57)
		(4-58)
	C-81A	2-27
		2-30
	C-88A	2-29
		2-32
	R-34A	3-67
4710	B-13A-1	2-8
	R-34A	2-27
4718	R-34A	6-124
4750	DV-10A, DV-11A	2-21
	E-14	2-17
	E-15	2-15
	E-16	2-14
5W5D1BK	DV-10A, DV-11A	2-33
502-0010	CC-11A	2-19
	R-34A	3-28
502-0012	R-34A	2-37
		3-97
502-0014	R-34A	3-6
502-0016	R-34A	6-27
		6-34
503-0010	B-13A-1	(3-16)
		(4-29)
		(4-50)
		(4-71)
		(4-75)
		(4-80)
		(4-84)
		(4-89)
		(4-95)
		(4-101)
	R-34A	2-42

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
503-0010 (Cont)	R-34A	4-2
		5-83
503-0012	C-81A	2-18
	C-88A	2-18
	CC-11A	2-17
	CC-12A	2-17
	E-15	(2-3)
	R-34A	3-83
		5-34
		6-113
503-0014	B-13A-1	(2-7)
		(3-7)
		(3-8)
		(3-9)
	DV-10A, DV-11A	2-12
	E-15	(2-11)
503-0016	CC-12A	2-19
	DV-10A, DV-11A	2-35
	R-34A	3-25
		3-47
		3-72
		3-103
		5-13
		5-35
		6-6
		6-38
		6-63
		6-76
		6-120
503-0019	R-34A	3-100
503-0020	C-88A	2-50
	CC-12A	2-33
	E-14	(2-4)
	E-15	(2-4)
	R-34A	4-5
		4-46
504-0010	R-34A	6-122
504-0012	R-34A	3-122
		5-81
504-0014	R-34A	5-31
		5-49
504-0016	B-13A-1	(3-5)
		(4-96)
		(4-97)
	DV-10A, DV-11A	2-5
		2-25
	R-34A	2-12
		6-7
		6-80
504-0018	R-34A	3-101
		5-1
		5-50
		6-69
		6-82
504-0120	R-34A	3-77
506-0016	B-13A-1	(3-11)
	E-15	(2-6)
510-0009	B-13A-1	(4-9)
		(4-11)

Part No.	Unit	Figure & Index No.
510-0009 (Cont)	B-13A-1	(4-15)
		(4-19)
		(4-22)
		(4-26)
		(4-39)
		(4-40)
		(4-41)
		(4-46)
	R-34A	6-107
510-0010	B-13A-1	(4-32)
	R-34A	6-103
		6-105
510-0013	R-34A	6-127
510-0014	B-13A-1	(4-38)
5100-18C	R-34A	4-9
		4-17
		4-27
5100-25W	R-34A	3-44
5101-56W	R-34A	3-30
		3-108
		3-111
		5-78
5101-62W	R-34A	4-51
511-0010	R-34A	2-1
		2-53
511-0012	B-13A-1	(2-1)
		(2-2)
5128	E-14	(2-12)
	E-15	(2-10)
	E-16	(2-10)
513-0012	A-17	2-2
	E-15	(2-2)
513-0020	R-34A	2-49
5131	C-81A	2-20
	C-88A	2-20
		2-22
	E-14	(2-9)
		(2-11)
	E-15	(2-7)
		(2-9)
	E-16	(2-7)
		(2-9)
	R-34A	2-17
5133-12C-MF	R-34A	4-14
		4-24
514-0012	R-34A	2-48
514-0016	DV-10A, DV-11A	2-2
	R-34A	2-47
514-0020	DV-10A, DV-11A	2-3
5142	E-14	(2-15)
	E-15	(2-13)
	E-16	(2-12)
516-0016	R-34A	2-46
		2-52
5171	DV-10A, DV-11A	2-20
	E-14	(2-16)
	E-15	(2-14)
	E-16	(2-13)
5209	DV-10A, DV-11A	2-22

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
5210	DV-10A, DV-11A	2-17
5211	DV-10A, DV-11A	2-9
5216	R-34A	3-93
		5-12
5218	DV-10A, DV-11A	2-10
5219	DV-10A, DV-11A	2-6
		2-14
5258	R-34A	6-108
53F13381	B-13A-1	4-101
5310	C-81A	2-22
	C-88A	2-24
	IN-10	4-21
	R-34A	2-24
5402	R-34A	6-116
5413	R-34A	6-102
5488	R-34A	6-125
5545	R-34A	3-7
		6-31
		6-37
5546	R-34A	6-112
5634	R-34A	6-104
5670	B-13A-1	3-1
5718	R-34A	3-19
		5-14
5727	R-34A	4-20
		4-30
5751	B-13A-1	3-2
5783	B-13A-1	4-31
5814A	B-13A-1	3-3
5840	R-34A	6-24
5896	R-34A	6-97
5899	R-34A	3-8
		5-36
		6-23
5902	R-34A	6-71
5914	R-34A	6-79
6009	M-10	2-3
	M-25	2-3
	R-34A	2-14
60118-001	IN-10	4-16
6021	R-34A	5-51
		6-72
6112	R-34A	6-25
6350	R-34A	6-106
6376	R-34A	3-120
700-0120	B-13A-1	3-1
700-0122	R-34A	3-19
		5-14
700-0125	B-13A-1	3-2
700-0128	B-13A-1	3-3
700-0129	R-34A	6-24
700-0131	R-34A	6-97
700-0132	R-34A	3-8
		5-36
		6-23
700-0133	R-34A	6-71
700-0136	R-34A	5-51
		6-72
700-0139	R-34A	6-25

Part No.	Unit	Figure & Index No.
700-0173	B-13A-1	3-4
700-0218	B-13A-1	4-31
7001	A-13B	2-20
		2-31
7117	R-34A	3-35
7475	R-34A	6-4
7582	DV-10A, DV-11A	2-40
7730	B-13A-1	(2-4)
	R-34A	2-35
		3-79
79-012-062-0312	R-34A	3-40
8040	B-13A-1	(2-4)
	CC-11A	2-12
	CC-12A	2-12
	DV-10A, DV-11A	2-15
8051	M-10	2-7
	M-25	2-7
8081	A-13B	2-2
	A-17	2-8
	B-13A-1	(2-3)
		(2-5)
	C-81A	2-16
	C-88A	2-15
	R-34A	2-8
		2-10
8247	B-13A-1	4-61
8264	A-13B	2-5
8278	R-34A	3-18
8363	R-34A	5-6
		5-25
8488	B-13A-1	(2-8)
		(3-11)
	E-14	(2-1)
		(2-6)
	E-15	(2-1)
		(2-6)
	E-16	(2-1)
		(2-4)
8497	CC-11A	2-13
	CC-12A	2-13
	DV-10A, DV-11A	2-16
	M-25	2-4
	R-34A	2-15
		5-11
8535	R-34A	3-90
8540	B-13A-1	(4-57)
		(4-58)
		(4-59)
		(4-61)
		(4-62)
		(4-98)
		(4-99)
		(4-100)
	C-81A	2-28
		2-31
	C-88A	2-30
		2-33
		2-43
		2-46

MASTER NUMERICAL INDEX - Continued

Part No.	Unit	Figure & Index No.
8540 (Cont)	CC-12A	2-26
		2-29
	R-34A	3-68
8541	A-13B	2-26
	R-34A	5-23
8543	R-34A	3-95
8554	R-34A	3-21
8573	B-13A-1	4-62
		4-100
8574	A-13B	2-8
8577	B-13A-1	3-12
		4-2
		4-6
		4-27
		4-47
		4-51
		4-70
8578	B-13A-1	4-1
8591	A-13B	2-11
8617-0201	B-13A-1	4-66
8618-0242	B-13A-1	4-5
8618-0362	B-13A-1	4-60
8622	C-81A	2-6
	C-88A	2-6
	CC-11A	2-5
	CC-12A	2-5
8625-9104	R-34A	4-47
8627-9103	R-34A	2-11
		6-101
8654	B-13A-1	4-98
8655	B-13A-1	4-59
8662	B-13A-1	4-99
8699-0012	A-17	2-5
8706-0101	R-34A	6-85
8706-0511	R-34A	5-26
8707	A-17	2-3
8765-0100	R-34A	5-7
8765-9701	R-34A	5-43
8766-0300	R-34A	3-16
8769-*	R-34A	3-17
8770-0910	A-13B	2-26
8775-0020	R-34A	3-40
8777	R-34A	6-99

Part No.	Unit	Figure & Index No.
8832	R-34A	5-16
		5-37
		5-59
8835	R-34A	3-56
		6-53
8837	R-34A	3-58
		6-1
		6-39
8848	R-34A	3-53
8851	R-34A	6-22
8870-0101	R-34A	5-44
		6-57
8870-0241	R-34A	3-22
8870-0510	R-34A	3-20
		5-55
8877-0120	R-34A	3-23
8877-0150	R-34A	4-48
		5-21
8877-9222	R-34A	5-15
8877-9271	R-34A	5-27
8877-9331	R-34A	5-56
8877-9682	R-34A	3-91
8879-9392	R-34A	5-24
8879-9822	R-34A	3-52
8881-0007	R-34A	6-44
8890-9223	R-34A	6-73
8900-9102	R-34A	6-65
8908-0102	R-34A	6-55
8908-0241	R-34A	6-56
8908-0511	R-34A	5-41
		6-49
8911-9223	B-13A-1	4-36
8915-0104	R-34A	2-19
8915-0252	B-13A-1	3-17
8915-0502	R-34A	3-1
909	A-13B	2-32
9327	E-14	(2-10)
9522	R-34A	3-98
9537	B-13A-1	(4-1)
9542	R-34A	6-111
997A105K	B-13A-1	4-48
997CX100K	R-34A	5-54
997CX330K	R-34A	5-22

Dependable Electronic Equipment Since 1928

ARCPC-15F-1
August 1960

7010107
Printed in U.S.A.